OPA 1 ... PFORMS

Item	Item	Item	Item	Item	Item
50254101	50468154	51470101	53446154	58350154	58951101
50300101	50472101	51850101	56866141	58385101	58953154
50347154	50938101	52230101	57142101	58462101	58992154
50358101	51166101	52534101	58309155	58950141	59146100

		Exhibit P-4	40, Budget	tem Justific	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/						P-1 Item Nomenclat	ture:	<u>-</u>				
	THER PROCUREMENT / *	1 / Tactical and Sup	port Vehicles		.	<u> </u>		TACTICAL T	TRAILERS/DOLLY SE	ETS (DA0100)		
Program Elements for Code B I	tems:			Code:	Other Related Prog	ram Elements:						
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty		3308	1094	176	703	1071	691	642	271	728		8684
Gross Cost	469.7	30.6	13.6	5.1	12.7	11.9	8.2	7.8	3.3	9.1	0.0	572
Less PY Adv Proc												
Plus CY Adv Proc		<u></u>										
Net Proc (P-1)	469.7	30.6	13.6	5.1	12.7	11.9	8.2	7.8	3.3	9.1	0.0	572
Initial Spares												
Total Proc Cost	469.7	30.6	13.6	5.1	12.7	11.9	8.2	7.8	3.3	9.1	0.0	572
Flyaway U/C												
Wpn Sys Proc U/C					T						1	
ammunition and g				_				•		JI HUCK.		

Exhibit P-5, Weapon		Appropriation/ Bu	dget Activity	//Serial No:		P-1 Line Ite	em Nomenclature:			Weapon System	Type:	Date:	
OPA Cost Analysis				1 / Tactical and				Y SETS (DA0100)					ruary 1998
_		Su	pport Vehic	les									
OPA	ID		FY 96			FY 97			FY 98	7		FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
TRAILER, GP,5 TON, M1061 (D04700)	١.	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
HIGH MOBILITY TRAILER (D06700)	A A	44000	050	40				40740	4450		5032 6916	459	11
DOLLY SET, TRANS SHELTER, 71/2T, M1022*	A	11006 1016			5130	176	29	12748	1158	11	6916	612	11
TRAILER, CARGO, 1 1/2T, 2W, M105A2**	A	1600	108		3130	170	29						
110 112211, 07 11 100, 1 1721, 211, 111100712	1	1000	100	.0									
* D00500													
**D06400													
	1												
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	I												
TOTAL		13622			5130			12748			11948		
IUIAL	1	13022			5130			12/48		Ī	11948		

		Evhihit P-/	In Budget	Itam Justifia	cation Sheet			Date:		E 4000		
		EXHIBIT F-4	io, buugei	item Justin	cation sneet					February 1998		
Appropriation / Budget Activity/						P-1 Item Nomencla	ture:					
ОТ	HER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					TRAILE	R, GP,5 TON, M1061	(D04700)		
Program Elements for Code B I	Items:			Code:	Other Related Prog	ram Elements:						
				Α								
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	2320	469				459						3248
Gross Cost	27.8	5.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	38
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	27.8	5.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	38
Initial Spares												
Total Proc Cost	27.8	5.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	38
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The Trailer, GP is a 5 ton, tandem axle, 4-wheel flatbed trailer. This trailer is designed to carry fuel pods, laundry units, and large generators. It is used by the Air Force and interchange customers. The trailer is towed by 5 ton trucks, and uses an "air over hydraulic" brake system which receives air pressure from from the towing vehicle. It is equipped with manually operated leveling jacks on the four corners of the trailer that fold to a stowed position, in addition to an under chassis mounted spare tire. The trailer's electrical system consists of an intervehicular cable, wiring harness, and two composite light assemblies. Power is supplied by the towing vehicle.

JUSTIFICATION: The Trailer, GP is used to haul 500 gallon Tank Unit Liquid Dispensing (TULD). When mounted on the trailer, a mounting kit is added, and the new system is called Tank Unit Liquid Dispensing Trailer Mounted (TULDTM). The M1061/M1061A1 was designated as the replacement trailer for the M105 series, 1 1/2 ton cargo trailer for hauling the TULD. The M1061A1 is also used to haul laundry units and heavy generators (100 KW range) used by the Army, Air Force, and Navy.

Exhibit P-5, Weapon		Appropriation/ Bu	dget Activity	/Serial No:		P-1 Line Ite	em Nomenclature:			Weapon System	Type:	Date:	
OPA Cost Analysis				1 / Tactical and		TRAILE	R, GP,5 TON, M1	1061 (D04700)				Feb	uary 1998
-		Sı	pport Vehic	les		E)/ 0=			5)/ 00			E)/ 00	
OPA Cont Florounts	ID CD	TotalCost	FY 96 Qty	UnitCost	TotalCost	FY 97 Qty	UnitCost	TotalCost	FY 98 Qty	UnitCost	TotalCost	FY 99 Qty	UnitCost
Cost Elements	CD												
1. Vehicle 2. Engineering Support -In House Support -Contractor Support 3. Quality Assurance 4. Testing (TECOM)	A	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000 4932 50 30 20	Each 411	\$000 12
Quantities are current and may not match P-1/P-40.													
TOTAL											5032		

Exhibit	P-5a, Budget Procurement	History a	nd Planning					Date:	February	1998
Appropriation / Budget Activity/Serial No:		Weapon Syst	em Type:		P-1 Line Item	Nomenclature	:			
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles						TRAILE	R, GP,5 TON, M10	061 (D047	(00)	
VBS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Issu
iscal Years		and Type			Delivery	Each	\$000	Now?	Avail	
. Vehicle										
FY 95	Utility Tool & Body, Clintonville,WI		TACOM	Apr-95		392	10		N/A	
			TACOM	Aug-95	Jun-97	31		Yes	N/A	
		Option	TACOM	Dec-95	Jul-97	12		Yes	N/A	
		Option	TACOM	Jul-96	Aug-97	28		Yes	N/A	
. Vehicle										
FY 99	Utility Tool & Body, Clintonville,WI	**Option	TACOM	Dec-98	Feb-99	411	12	Yes	N/A	

^{*3} year Requirements Contract. (Small Business Set Aside).
**Option using Justification And Approval (J&A) to extend contract.

								P-1	Item N	lome	nclati	ure:												Date	9:							
FY 98 / 99 BUD	GET PRODU	JC	TION SC	HED	ULE							TRAI	LER,	GP,5	TON,	M106	1 (D0	4700)										Febr	uary 1	998		
		T			PROC	ACCEP.	BAL					Fis	cal `	Year	r 96									Fis	scal	Year	r 97					L
	1	М		S	QTY	PRIOR	DUE									enda	r Ye	ar 9	6									Year	97			Α
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1. Vehicle/ Initial Award		1	FY 95	A	392	0	392	Ė		Ŭ			15	38	36	46	11	Ť	Ė		1	10	40	38	40		40	37		Ŭ		
Option		1	FY 95	Α	31	0	31																					3	28			
Option		1	FY 95	Α	12	0	12			Α																			12			
Option		1	FY 95	Α	28	0	28										Α													20	8	
Option		1	FY 95	AOC	12	0	12										Α	12														
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	Option	1	FY 95	Α	28	28																										
_	Option	1	FY 95	AOC	12	12																										
	Vehicle/Option	1	FY 99	A	411	0	411															Α		10	15	20	25	30	40	50	50	171
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Option	1	FY 95	Α	28	28																										1
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		Fxhibit P-4	LO Budget	ltem .lustifi	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/			io, Baagot	nom oucim		P-1 Item Nomencla	ture:			rebluary 1996		
	HER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					HIGH N	MOBILITY TRAILER (D06700)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	1167	1725	950		1158	612	691	642	271	728		7944
Gross Cost	10.4	12.4	11.0	0.0	12.7	6.9	8.2	7.8	3.3	9.1	0.0	81.8
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	10.4	12.4	11.0	0.0	12.7	6.9	8.2	7.8	3.3	9.1	0.0	81.8
Initial Spares												
Total Proc Cost	10.4	12.4	11.0	0.0	12.7	6.9	8.2	7.8	3.3	9.1	0.0	81.8
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The High Mobility Trailer (HMT) is a family of high mobility companion trailers for the High Mobility Multipurpose Wheeled Vehicle (HMMWV). The HMT will be compatible with both the light (Group I/II) and heavy (Group III) HMMWV variants. This will require a HMT family of trailers (light, heavy, and heavy chassis) in order to make full use of the HMMWV's towing capabilities.

JUSTIFICATION: The HMT is required to improve off-road mobility and increase payload over the present M101 series 3/4 ton trailers. It will be used in support of communication systems hauling Tactical Quiet Generators. The HMT also offers stability lacking in the current M101/HMMWV combination because the HMT wheels will have the same track width as the HMMWV.

Exhibit P-5, Weapon		Appropriation/ Bud	dget Activity	/Serial No:		P-1 Line Ite	em Nomenclature:			Weapon System	Туре:	Date:	1
OPA Cost Analysis		OTHER PROCL				HIGH	MOBILITY TRAIL	ER (D06700)				Febr	ruary 1998
_		Su	pport Vehicl	les									
OIA	ID		FY 96			FY 97			FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
1. Vehicle (D06700) 2. Engineering Changes 3. Testing	A	\$000 9995 300 109 97 220 285	950	\$000	\$000	Each	\$000	\$000 11926 308 115 78 232 89	Each 1158	\$000	\$000	Each 612	\$000 11
TOTAL		11006						12748			6916		

	Exhibit P-5a, Budget Procurement	History a	nd Planning					Date:	February	1998
Appropriation / Budget Activity/Serial No:		Weapon Syst			P-1 Line Item	Nomenclatur	e:			
OTHER PROCUREMENT / 1 / Tactical and	Support Vehicles					HIGH	I MOBILITY TRAILE	R (D0670	00)	
VBS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Iss
Fiscal Years		and Type			Delivery	Each	\$000	Now?	Avail	
1. Vehicle (D06700)										
FY 96	Raytheon E-Systems,Inc., Texas	CM5 (4)			Sep-97	947	11	Yes	N/A	N/A
FY96	Raytheon E-Systems,Inc., Texas	CM5 (5a)			Mar-98	3	11	Yes	N/A	N/A
FY 98	Raytheon E-Systems,Inc., Texas	CM5 (5a)	TACOM	Mar-98	May-98	684	11	Yes	N/A	N/A
FY98	Raytheon E-Systems,Inc., Texas		TACOM	Apr-98	Jun-98	474	10	Yes	N/A	N/A
FY 99	Raytheon E-Systems,Inc., Texas	CM5(5b)		Nov-98		612			N/A	N/A
		, ,								
REMARKS:										

1. Vehic	FY 98 / 99 BUDGET PR COST ELEMENTS le (D06700)	M F R 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	95 & Pr 95 & Pr 95 & Pr 95/96/97 FY 96 FY 96 FY 98 FY 98	S E R V A OC OC A A A	PROC QTY Each 2892 537 974 947	ACCEP. PRIOR TO 1 OCT 20 0	BAL DUE AS OF 1 OCT 2872 537	O C T	O V 1	D E C	J A N		M A	Year	Y TRA 96 Cale		`		S	0	N		J	F	С а	Α	97 dar Y	Year S		998 A U	S	L A T
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		Exhibit P-4	0, Budget	ltem Justific	cation Sheet					February 1998		
Appropriation / Budget Activity/	Serial No:					P-1 Item Nomencla	ture:	•				
ОТ	HER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					DOLLY SET, TRA	NS SHELTER, 7 1/2	T, M1022 (D00500)		
Program Elements for Code B I	Items:			Code:	Other Related Prog	ram Elements:						
				Α								
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	1049	239	36	176								1500
Gross Cost	31.1	7.6	1.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.8
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	31.1	7.6	1.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.8
Initial Spares												
Total Proc Cost	31.1	7.6	1.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.8
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The dolly set consists of two sections, front unit and rear unit, each consisting of an axle, frame, and lift mechanism with the front unit having a tow bar. The M1022A1 has a diesel engine in each dolly half to lift and lower the hydraulic cylinder with side lifting capabilty. The dolly set is required to provide ground mobility for the Army's family of rigid wall International Standard Organization (ISO) configured shelters and containers up to 15,000 lbs. The dolly set must be able to secure and move the shelter when pulled by a 5 Ton Cargo Truck. Both sections of a dolly set may also be coupled and towed empty or in tandem with a second empty set.

JUSTIFICATION: This dolly set is required to support the fielding of the Deployable Medical System (DEPMEDS), Aviation Ground Support Equipment, and PM Guardrail. These systems are currently not transportable without dolly sets. Procurement for the Army, Navy, Marine Corps, and FMS is required, with Army serving as the procuring administrative agent.

Exhibit P-5, Weapon		Appropriation/ Bud	dget Activity	/Serial No:		P-1 Line Ite	em Nomenclature:			Weapon System	Type:	Date:	
OPA Cost Analysis		OTHER PROCL					SET, TRANS SHE						ruary 1998
		Su	pport Vehicl	les			M1022 (D005)	00)					
OPA	ID		FY 96			FY 97			FY 98	1		FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
1 Vehicle	^	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle 2. Federal Excise Taxes (FET) 3. Engineering Support	A	954 9 3 50	36	27	4663 1112 150 39 166	176							***************************************
TOTAL		1016			5130								

Appropriation / Budget Activity/Serial No:	Exhibit P-5a, Budget Procurement	Weapon Syst			P-1 Line Item	Nomenclature	e:			
OTHER PROCUREMENT / 1 / Tactical and Supp	port Vehicles				DO	OLLY SET, TR	ANS SHELTER, 7	1/2T, M10	22 (D0050	iO)
/BS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Is
iscal Years . Vehicle (Option) :Y 96	Engineering System, Aston, PA	and Type Option	TACOM	Aug-96	Sep-97	Each 36	\$000	Now?	Avail N/A	
. Vehicle (Option) Y 97	Engineering System, Aston, PA	Option	TACOM	Dec-96	Nov-97	176	27	Yes	N/A	
REMARKS: Five Year Requirements Co	ontract.									

							P-1 l	Item N	omei	nclatu	ıre:												Date	e:							
FY 98 / 99 BUDGET F	PRODUC	CTION SO	CHED	ULE						DLLY S		RAN:	S SHE	LTER	2, 7 1/2	2T, M1	022 (D0050	00)								Febr	uary 1	998		
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	М		S	QTY	PRIOR	DUE								Cale	nda	r Yea	ar 97	7						С	alen	dar `	Year	98			Α
	F	FY	E	Each	TO	AS OF	0	N	D	J	F	М	Α	М	J	J	Α	S E	0	Ν	D E	J	F	М	Α	М	J	J	Α	S	T
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1. Vehicle (Option)	1	FY 95	Ā	239	0	239		Ť	Ŭ	29	30	30	30	30	30	30	30			Ť	Ŭ					Ė			Ť		- ` `
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	1	FY 96	Α	36	0	36												25	11										\vdash		
	1	FY 96	AOC	6	0	6													6										\vdash		
1. Vehicle (Option)	1	FY 97	AOC	18	0	18			Α																	18			\Box		
, , , ,	1	FY 97	Α	176	0	176			Α											30	30	30	30	30	26				\vdash		
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		Exhibit P-4	I0, Budget	Item Justifi	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/S	Serial No:					P-1 Item Nomencla	ture:					
ОТ	HER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					HEAVY	ARMORED SEDAN	(D22100)		
Program Elements for Code B I	tems:			Code:	Other Related Prog	ram Elements:						
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty						54						54
Gross Cost	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	6.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	6.0
Initial Spares												
Total Proc Cost	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	6.0
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: These vehicles are standard commercial design vehicles that are armored in accordance with U.S. State Department guidelines/requirements for either Light Armored Vehicles (LAV) or for Heavy Armored Vehicles (HAV). The degree of armor is in accordance with the nature and degree of threat in the area of use. These vehicles range from small to large sedans and Jeep Cherokees to Chevrolet Suburbans.

JUSTIFICATION: All theatre areas with U.S. service personnel conduct a "Area Threat Assessment" each year. This assessment indicates the potential threat to the lives of personnel in those areas. This Threat Assessment is used to determine the level to which the vehicles should be armored (LAV or HAV) to avoid loss of life to U.S. personnel.

Exhibit P-5, Weapon		Appropriation/ Bu	dget Activity	/Serial No:		P-1 Line Ite	em Nomenclature:			Weapon System	Type:	Date:	
OPA Cost Analysis		OTHER PROCI	JREMENT /	1 / Tactical and		HEAVY	ARMORED SED	DAN (D22100)				Febr	uary 1998
		Su	pport Vehic	les					=>/			-1/	
OPA	ID CD	TatalCast	FY 96 Qty	Lla:tOaat	TotalCost	FY 97 Qty	Lla:tOaat	TotalCost	FY 98 Qty	Lla:tOaat	TotalCost	FY 99 Qty	Lla:40aa4
Cost Elements	CD	TotalCost \$000	Each	UnitCost \$000	\$000	Each	UnitCost \$000	\$000	Each	UnitCost \$000	\$000	Each	UnitCost \$000
Heavy Armored Sedan (D22100) Light		\$000	Eacii	\$000	\$000	Lacii	\$000	\$000	Each	\$000	1816	36	\$000
Heavy Armored Sedan (D22100) Heavy											4140	18	230
TOTAL											5956		
- · · · -											5550		

Exhibit	P-5a, Budget Procurement l	History a	nd Planning					Date:	ebruary 1	998
Appropriation / Budget Activity/Serial No:		Weapon Syste	em Type:		P-1 Line Item	Nomenclatur	e:			
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles						HEAV	Y ARMORED SEDA	N (D2210	0)	
WBS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Issue Date
Fiscal Years		and Type			Delivery	Each	\$000	Now?	Avail	
FY99										
Heavy Armored Sedan (Light)	TBS	MIPR/FP		Jan-99	Sep-99	36			NA	
Heavy Armored Sedan (Heavy)	TBS	MIPR/FP		Jan-99	Sep-99	18	230	Yes	NA	
REMARKS:										

								Date:				
		Exhibit P-4	0, Budget	Item Justific	cation Sheet					February 1998		
Appropriation / Budget Activity/	Serial No:					P-1 Item Nomencla	ture:					
ОТ	THER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					SYSTEM FII	ELDING SUPPORT F	PEO (DA0070)		
Program Elements for Code B	Items:			Code:	Other Related Prog	gram Elements:						
			T.			T	ı	T			1 1	
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	15.9	5.4	4.7	2.6	1.8	0.3	0.3	0.0	0.0	0.0	0.0	31.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	15.9	5.4	4.7	2.6	1.8	0.3	0.3	0.0	0.0	0.0	0.0	31.0
Initial Spares												
Total Proc Cost	15.9	5.4	4.7	2.6	1.8	0.3	0.3	0.0	0.0	0.0	0.0	31.0
Flyaway U/C												
Wpn Sys Proc U/C												·

DESCRIPTION: System Fielding Support costs consist of funding required for First Destination Transportation, Total Package Fielding, New Equipment Training and Interim Contractor Logistics Support for Tactical Wheeled Vehicle programs such as Heavy Equipment Transporters, High Mobility Trailers, Medium Truck Extended Service Program, and the Armored Security Vehicle. First Destination Transportation provides for the shipment of newly procured equipment and material from the acquisition of initial issue support equipment and deprocessing costs for the total package fieldings of tactical and support vehicles. New Equipment Training (NET) funding is required for the training of personnel in the operation/maintenance of various tactical and support vehicle systems. Total Package Fielding (TPF) includes deprocessing and hand-off of equipment.

JUSTIFICATION: Required to complete the acquisition cycle for numerous Tactical Wheeled Vehicle systems by providing necessary resources to ship vehicles to first destination and to fund hand-off/deprocessing teams to ensure complete, operable systems are provided to the soldiers in the field. Many of the systems are require fill critical shortages, replace overaged vehicles, or provide new advanced technology. Also, funds new equipment training teams required to perform operator through general support maintenance training to support fielding of new systems. Funding in FY 1999 and FY 2000 funds System Fielding Support of the 2 1/2 Ton Extended Service Program.

		Exhibit P-4	10, Budget	Item Justifi	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/S	Serial No:		ı			P-1 Item Nomenclat	ture:					
ОТ	HER PROCUREMENT / 1	1 / Tactical and Sup	port Vehicles			l		PASSENGER	R CARRYING VEHIC	LES (D23000)		
Program Elements for Code B It	iems:	•	•	Code:	Other Related Progr	ram Elements:						
				А								
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	67372		40	14		37	36	35	45	45		
Gross Cost	358.6	0.0	0.8	0.4	0.0	0.9	0.9	0.9	1.1	1.1	0.0	
Less PY Adv Proc		<u> </u>										
Plus CY Adv Proc												<u> </u>
Net Proc (P-1)	358.6	0.0	0.8	0.4	0.0	0.9	0.9	0.9	1.1	1.1	0.0	
Initial Spares				<u> </u>								
Total Proc Cost	358.6	0.0	0.8	0.4	0.0	0.9	0.9	0.9	1.1	1.1	0.0	
Flyaway U/C												
Wpn Sys Proc U/C												
DESCRIPTION: V	ehicles are of a	standard cor	mmercial de	sign, intend	ed to provide	transportatio	n for Army p	ersonnel and	d dependent	schoolchildr	en. Vehicles	include

DESCRIPTION: Vehicles are of standard commercial design, intended to provide transportation for Army personnel and dependent schoolchildren. Vehicles include sedans, ambulances and buses.

JUSTIFICATION: Passenger Carrying Vehicles are used for investigation, field intelligence and security. All budgeted procurements of non-tactical vehicles are urgently required to satisfy priority requirements, fill existing worldwide shortages and replace overage/overmileage vehicles. Fielding of new vehicles will alleviate excessive downtime, reduce maintenance and repair costs and maximize mission capabilities of users.

Page-propositor (august Activer)-Select No. OTHER PROCUEREMENT / 1 Tradical and Support Vehicles PASSENGER CARRYING VEHICLES Waspen System Type: Date: Fry 98 Pathwary 1998
Support Vehicles (D23000) OPA ID FY 96 FY 97 FY 98 FY 99 Cost Elements CD TotalCost Qty UnitCost SOOO Each \$000
Cost Elements CD TotalCost Qty UnitCost Cool Sool Each \$000
SOOO Each SOOO Each
D20000 Automobile, Ambulance, Metropolitan D20100 Automobile, Sedan, Light D20501 Truck, Ambulance EMS/Rescue 4x2
D20100 Automobile, Sedan, Light 673 38 18 291 11 26 867 37 2 D20501 Truck, Ambulance EMS/Rescue 4x2 52 1 52

Exhibit	P-5a, Budget Procurement	History a	and Planning					Date:	February 1	998
Appropriation / Budget Activity/Serial No:		Weapon Syste			P-1 Line Item	Nomenclatur	re:			
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles					AL	JTOMOBILE,	AMBULANCE, MET	ROPOLITA	AN (D2000	0)
WBS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Issue Date
Fiscal Years		and Type			Delivery	Each	\$000	Now?	Avail	1
Automobile, Ambulance, Metropolitan (D20000) FY96	GSA, Washington, DC	MIPR/FP	GSA	Feb-96	Aug-96	1			NA NA	
REMARKS:										

C/FP Off C/FP Off C/FP Off	Location of PCO if-Shore if-Shore if-Shore if-Shore	Award Date Jun-96 Aug-96	Delivery Jul-96	AUTOMO QTY Each	Unit Cost \$000	Specs Avail Now?	00) Date Revsn Avail	RFP Iss Date
Method and Type C/FP Off C/FP	f-Shore f-Shore f-Shore	Jun-96 Aug-96	Delivery Jul-96	QTY Each 5	Unit Cost \$000	Specs Avail	Date Revsn	
Method and Type C/FP Off C/FP	f-Shore f-Shore f-Shore	Jun-96 Aug-96	Delivery Jul-96	Each 5	\$000	Avail	Revsn	
C/FP Off C/FP Off C/FP Off C/FP Off	f-Shore f-Shore	Aug-96	Jul-96	5		Now?	Avail	
C/FP Off C/FP Off C/FP Off	f-Shore f-Shore	Aug-96			12			
C/FP Off C/FP Off C/FP Off	f-Shore f-Shore	Aug-96			12			
C/FP Off C/FP Off	f-Shore		Sep-96		13	Yes	NA	
C/FP Off		Can OC		2	24	Yes	NA	
C/FP Off	f-Shore	Sep-96	Dec-96	4	11	Yes	NA	
	1-011016	Sep-96	Dec-96	4	9	Yes	NA	
C/FP Off	f-Shore	Sep-96	Jan-97	3	19	Yes	NA	
	f-Shore		Dec-96	5	18	Yes	NA	
C/FP Off	f-Shore			13	22	Yes	NA	
C/FP Off	f-Shore			1	22	Yes	NA	
	f-Shore	Dec-96	Jan-97	1	25	Yes	NA	
C/FP Off	f-Shore	Sep-97	Aug-97	4	27	Yes	NA	
	f-Shore	Sep-97		4	25	Yes	NA	
	f-Shore		Feb-98	3	25	Yes	NA	
G,1.1		Cop 0.	. 02 00	Ĭ				
C/FP Off	f-Shore	Aug-99	Oct-99	37	23	Yes	NA	
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Exhibit 1	P-5a, Budget Procurement l	History a	nd Planning					Date:	February 1	1998
Appropriation / Budget Activity/Serial No:		Weapon Syste			P-1 Line Item	Nomenclatur	re:	!		
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles						TRUCK, AMB	BULANCE EMS/RES	CUE 4X2	(D20501)	
WBS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Issue Date
Fiscal Years		and Type			Delivery	Each	\$000	Now?	Avail	
Fiscal Years Truck, Ambulance EMS/Rescue 4x2 (D20501) FY96	GSA, Washington, DC	and Type MIPR/FP	GSA	Mar-96	Jul-96	Each 1			NA NA	
REMARKS:										

_	d. 11. 11. D. E Declared December	. (LL' - (Date:		
	xhibit P-5a, Budget Procuremer				_				February 1	1998
Appropriation / Budget Activity/Serial No:		Weapon Sys	tem Type:		P-1 Line Item	Nomenclatur		OED (D	224)	
OTHER PROCUREMENT / 1 / Tactical and Support Vel	nicles		1			BUS, M	OTOR, 12 PASSEN	•		0501
WBS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Issue Date
Fiscal Years		and Type			Delivery	Each	\$000	Now?	Avail	
Bus, Motor, 12 Passenger (D21001)										
FY97	Volkswagen AG, Germany	C/FP	Off-Shore	Aug-97	Dec-97	1			NA	
	Ford-Werke AG, Germany	C/FP	Off-Shore	Aug-97	Dec-97	2	50	Yes	NA	
REMARKS:										

		Evhihit P-4	0 Rudget I	tom lustific	ation Sheet			Date:		E 4000		
Appropriation / Budget Activity/	Sorial No.		o, Buaget i	item oustine		P-1 Item Nomencla	turo			February 1998		
		4 / T#! C				r-i item Nomencia	ture.	DDO IFOT M	ANIA CEMENT CUIDD	ODT (D 4 0070)		
	HER PROCUREMENT /	1 / Tactical and Sup	port venicles	1				PROJECT MA	ANAGEMENT SUPP	URT (DA0073)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
	1		r			1	1	1	1	1	, ,	
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	11.7	2.5	2.6	3.0	0.6	2.4	1.5	1.6	2.1	2.1	0.0	30.1
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	11.7	2.5	2.6	3.0	0.6	2.4	1.5	1.6	2.1	2.1	0.0	30.1
Initial Spares												
Total Proc Cost	11.7	2.5	2.6	3.0	0.6	2.4	1.5	1.6	2.1	2.1	0.0	30.1
Flyaway U/C												
Wpn Sys Proc U/C		•										

DESCRIPTION: Funds personnel, travel and related costs so that the PM can plan, direct and control resources and associated projects, including initial production, product assurance and testing, and distribution and logistics support.

JUSTIFICATION: PM's mission and functions will primarily be managing the procurement and fielding of the High Mobility Trailer, Armored Security Vehicle (ASV), HMMWV Extended Service Program (ESP), Medium Truck Extended Service Program (ESP), Heavy Expanded Mobility Tactical Truck (HEMTT), and Heavy Equipment Transporter System (HETS). These vehicle systems are required to fill shortages, modernize fleets, and fulfill critical needs.

		Exhibit P-4	0, Budget	Item Justific	ation Sheet			Date:		February 1998						
Appropriation / Budget Activity/S	Serial No:					P-1 Item Nomencla	ture:									
OT	HER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					SYSTEM FIEL	DING SUPPORT (TA	COM) (DA0071)						
Program Elements for Code B It	tems:			Code:	Other Related Prog	ram Elements:										
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog				
Proc Qty	1 Hor route	111000	111000	11100	111000	111000	112000	112001	112002	112000	TO Complete	Total Flog				
Gross Cost	8.0	0.9	1.0	1.3	0.9	4.2	3.1	3.8	7.2	7.4	.4 0.0 37.9					
Less PY Adv Proc																
Plus CY Adv Proc																
Net Proc (P-1)	8.0	0.9	1.0	1.3	0.9	4.2	3.1	3.8	7.2	7.4	0.0	37.9				
Initial Spares																
Total Proc Cost	8.0	0.9	1.0	1.3	0.9	4.2	3.1	3.8	7.2	7.4	0.0	37.9				
Flyaway U/C																
Wpn Sys Proc U/C																

DESCRIPTION: System Fielding Support costs consist of funding required for First Destination Transportation, Total Package Fielding, New Equipment Training and Interim Contractor Logistic Support for various tactical and support systems, including, but not limited to, cargo trailers, water tank trailers, dolly sets, semitrailers used to transport and dispense fuel, general purpose vehicles, and tactical wheeled vehicles such as the High Mobility Trailers (HMT), High Mobility Multi-Purpose Wheeled Vehicles (HMMWV), Armored Security Vehicle (ASV), Heavy Expanded Mobility Tactical Truck (HEMTT), and Heavy Equipment Transporter System (HETS). First Destination Transportation provides for the shipment of newly procured equipment and material from the acquisition of initial issue support equipment and deprocessing costs for the total package fieldings of tactical and support vehicles. New Equipment Training (NET) is required for the training of personnel in the operation/maintenance of various tactical and support vehicle systems.

JUSTIFICATION: Funding is required to support Total Package Fielding (TPF) for tactical and support vehicles. The TPF requirement will support costs associated requisitioning and receipt of initial supply items, package of end items for total package fielding, and processing hand off costs at a staging area prior to issue to a unit. Funds are also required to support the transportation of items from the contractor's plant to the point of first acceptance into the Army's inventory. New Equipment training provides instruction in operation and maintenance of tactical and support vehicle systems. It is essential that this training be provided in the time frame requite guarantee that trained personnel are available concurrent with the issue of equipment.

		Exhibit P-4	I0, Budget	Item Justifi	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/	Serial No:					P-1 Item Nomencla	ture:					
ОТ	HER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					SEMITRAILER F	B BB/CONT TRANS	22 1/2 T (D01500)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	5837				43	97	310	550	260	370		7467
Gross Cost	94.2	0.0	0.0	0.2	2.0	2.6	7.9	14.4	8.1	10.6	0.0	140
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	94.2	0.0	0.0	0.2	2.0	2.6	7.9	14.4	8.1	10.6	0.0	140
Initial Spares												i
Total Proc Cost	94.2	0.0	0.0	0.2	2.0	2.6	7.9	14.4	8.1	10.6	0.0	140
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The Semitrailer FB BB/Cont Trans is a 22 1/2 ton semitrailer, tactical, dual purpose, bulk and container transporter. The semitrailer will be used within CONUS and OCONUS military logistics support system theaters to transport 20' International Standard Organization (ISO) Containers on line haul missions and is the primary means of distributing containers and bulk cargo. It will be employed by military 5 Ton and Family of Medium Tactical Vehicles tractors for use over primary, secondary, and unimproved secondary roads or military adapted commercial line haul series tractors over primary roads.

JUSTIFICATION: The Semitrailer FB/BB Cont Trans 22 1/2 T is an authorized worldwide (CONUS/OCONUS) transporter within the military logistics system of ISO Containers. Besides hauling ammunition and general cargo, the Semitrailer FB/BB Cont Trans 22 1/2T is the primary transporter of the 3,000 gallon reserve Osmosis Water Purification Units (ROWPU). The Semitrailer FB BB/Cont Trans 22 1/2T is employed with military standard 5 Ton and FMTV tractors for use over primary, secondary, and unimproved secondary roads for the military adapted commercial Line Haul series tractors over primary roads only. As the principal hauler for transportation Companies worldwide, these trailers accumulate thousands of road miles monthly. Current assets fall between 2,500 and 3,500 units short of the Army Acquisition Objective (AAO) through FY02.

Exhibit P-5, Weapon		Appropriation/ Bu	dget Activity	//Serial No:		P-1 Line Ite	em Nomenclature:			Weapon System	Type:	Date:	
OPA Cost Analysis				1 / Tactical and				T TRANS 22 1/2 T				Feb	ruary 1998
		Su	ipport Vehic	les			(D01500)						
OPA	ID		FY 96	,		FY 97			FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
1 Vehicle		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle 2. Engineering Support	Α	\$000	Each	\$000	500	Edui	\$000	1480 108 25 33 100 154 53	59	25		97	25
FY98 quantities not updated in Data Base TOTAL					165			1953			2625		

Appropriation / Budget Activity/Serial No:	Exhibit P-5a, Budget Procureme	Weapon Syst			D-1 Line Item	Nomenclature	0.		February 1	
OTHER PROCUREMENT / 1 / Tactical and S	upport Vehicles	Weapon Cycl	om Typo.				FB BB/CONT TRA	NS 22 1/2	T (D0150	וו
		Contract		1				Specs	Date	RFP Iss
VBS Cost Elements:	Contractor and Location	Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Avail	Revsn	Date
iscal Years		and Type			Delivery	Each	\$000	Now?	Avail	
. Vehicle										
FY 98	Fontaine, Haleyville, AL	*C/FFP	TACOM	Jun-98		59	25		N/A	N/A
FY 99	Fontaine, Haleyville, AL	Option	TACOM	Jan-99	May-99	97	25	Yes	N/A	
REMARKS: * 5 Year Requirements (Contract Constitution Contracts	l	1							
o roai rioquilomonio i	Contract- Small Business Setaside.									
Purchase description wil	i be used.									

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	FY 98 / 99 BUDGET PRODUC	CTIO	N SC	HED	ULE					S	EMITE	RAILE	R FB I	BB/C	т тис	RANS	3 22 1	/2 T (C	0150	0)								Febru	ary 19	998		
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		Exhibit P-4	0, Budget	Item Justific	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/S	Serial No:					P-1 Item Nomencla	ture:	•				
ОТ	HER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					SEMITRAILE	R LB 40T M870A1 (0	CCE) (D00700)		
Program Elements for Code B I	tems:			Code:	Other Related Prog	ram Elements:						
				Α								
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	1921				3	23	16	17	18	11		2009
Gross Cost	37.2	0.0	0.0	0.0	1.0	2.9	1.9	1.9	1.9	1.9	0.0	49
Less PY Adv Proc												<u> </u>
Plus CY Adv Proc												<u> </u>
Net Proc (P-1)	37.2	0.0	0.0	0.0	1.0	2.9	1.9	1.9	1.9	1.9	0.0	49
Initial Spares												
Total Proc Cost	37.2	0.0	0.0	0.0	1.0	2.9	1.9	1.9	1.9	1.9	0.0	49
Flyaway U/C												<u> </u>
Wpn Sys Proc U/C												<u> </u>

DESCRIPTION: The Semitrailer lowbed will be a 40 Ton system capable of handling payload to 80,000 lbs. on highways, gravel roads, dirt roads, level cross country and off roads. The Semitrailer LB 40T (CCE) will incorporate a fixed gooseneck, rear loading capability and automatic slac adjusters. The Semitrailer LB 40T will be a multi-axle suspension system equipped with radial tires. The Semitrailer LB 40T will connect to its prime mover's fifth wheel via a reversible king pin (2 and 3.5 inches capable). The landing legs will be adjustable to accommodate varying degrees of fifth wheel heights. The semitrailer will utilized a 12/24 volt electrical system including two composite lights which serve as blackout service tail and stop lights.

JUSTIFICATION: The 40 ton semitrailer lowbed is the primary hauler of engineer equipment worldwide. It carries such diverse loads as rollers and forklifts, cranes, graders, various sizes of dozers and paving machines as well as general construction materials of all types. Current assets are more than 400 vehicles short of the Army Acquisition Objective through FY02. Most importantly, current 40 ton semitrailers have proven unreliable in field use as evidenced by frame stress cracking under various loads, all caused due to current trailer configuration shortfalls. There is an immediate need for a modernized 40 ton semitrailer lowbed. Current systems do not posses mobility characteristics capabilities of the Force XXI. The semitrailer will fill requirements for the Total Army Analysis-03 (TAA-03) Truck Company Plus Up.

Exhibit P-5, Weapon		Appropriation/ Bu	dget Activity	/Serial No:		P-1 Line Ite	em Nomenclature:			Weapon System	Туре:	Date:	
OPA Cost Analysis		OTHER PROCI	JREMENT /	1 / Tactical and			RAILER LB 40T M					Feb	ruary 1998
-		Su	pport Vehic	les			(D00700)	•					
OPA	ID		FY 96			FY 97		· · · ·	FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
1 Vehicle	٨	\$000	Each	\$000	\$000	Each	\$000	\$000 500	Each	\$000	\$000	Each	\$000 50
1. Vehicle 2. Engineering Support	A							500 108 33 11 100 215	10	50		44	50
Quantities are current and may not match P-1/P-40.								967			2917		

Appropriation / Budget Activity/Serial No:	Exhibit P-5a, Budget Procuremen	Weapon Syst			P-1 Line Item	Nomenclature	e:			
OTHER PROCUREMENT / 1 / Tactical and Sup	pport Vehicles						ER LB 40T M870A	1 (CCE) (E	000700)	
/BS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Is
iscal Years		and Type			Delivery	Each	\$000	Now?	Avail	
. Vehicle										
Y 98	Kalyn Seibert, Gatesville, TX	*C/FP	TACOM	Apr-98	Jul-98	10	50		N/A	N/A
Y 99	Kalyn Seibert, Gatesville, TX	Option	TACOM	Nov-98	Jan-99	44	50	Yes	N/A	N//
*5 year Requirements Co Application to an existing										
•										

								P-1	Item N	lome	enclati	ure:												Dat	te:							
	FY 98 / 99 BUDGET PROD	DUC	CTION SC	HED	ULE						SE	MITRA	ILER	LB 40	T M8	70A1 ((CCE)	(D00	700)									Feb	ruary	1998		
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		Exhibit P-4	I0, Budget	ltem Justifi	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/	Serial No:					P-1 Item Nomencla	ture:					
ОТ	THER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					SEMITRA	AILER, TANK, 50000	G (D02300)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	3620				28	32	307	357	255	515		5114
Gross Cost	23.2	0.0	0.0	0.0	2.9	3.9	25.8	32.9	28.4	48.9	0.0	166
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	23.2	0.0	0.0	0.0	2.9	3.9	25.8	32.9	28.4	48.9	0.0	166
Initial Spares												
Total Proc Cost	23.2	0.0	0.0	0.0	2.9	3.9	25.8	32.9	28.4	48.9	0.0	166
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The Semitrailer Tank 5000G is a low profile, bulkhaul semitrailer with a stainless steel, single compartment tank designed to transport/dispense gasoline, diesel and aviation fuels. The M900 of 5,000G Tank Semitrailer series is comprised of the M967A1 Bulkhauler, the M969A1/A2 Automotive Refueler and the M970A1 Under/Over Wing Aircraft Refueler. When empty, these vehicles are air transportable on C130, C141, C17 or C5A aircraft and can be towed by 5-Ton Truck Tractor. All future procured M900 series semitrailers will be transportable at gross vehicle weight (fully loaded) aboard strategic sealift ships due to an improved tiedown system.

JUSTIFICATION: These requirements contracts will fill the Army Authorized Objective (AAO) shortage in concert with supporting the Total Army Analysis (TAA)-03. This TAA-03 process recognized that a severe shortage of petroleum distribution personnel and equipment exists in the current Army force structure and is also identified in the U.S. Army 1996 Modernization Plan rates Petroleum Distribution Equipment as "RED" for the near, mid and far term(s). Desert Storm/Shield substantiated the fact that a fast moving offensive can be completely halted by a lack of fuel for combat vehicles. To correct the petroleum distribution personnel problem, many petroleum related units were added to the force structure in the Active, Reserve, and National Guard components.

Exhibit P-5, Weapon		Appropriation/ Bu	dget Activity	/Serial No:		P-1 Line Ite	m Nomenclature:			Weapon System	Туре:	Date:	
OPA Cost Analysis		OTHER PROCU	JREMENT / pport Vehicl			SEMITE	RAILER, TANK, 50	000G (D02300)				Feb	ruary 1998
OPA	ID		FY 96			FY 97			FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
SEMITRAILER TANK 5000G AUTOMOTIVE (D02106)	Α							2930	28	105	3865	35	110
Quantities are current and may not match P-1/P-40.													
TOTAL								2930			3865		

								Date:				
		Exhibit P-4	l0, Budget	ltem Justifi	cation Sheet					February 1998		
Appropriation / Budget Activity/	Serial No:					P-1 Item Nomencla	ture:	•				
ОТ	THER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					SEMITRAILER TAN	K 5000G SELF LOA	D/UNLOAD (D02304	4)	
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
				Α								
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	1418						271	327	212	445		2673
Gross Cost	67.5	0.0	0.0	0.0	0.0	0.0	21.6	29.5	23.7	40.4	0.0	182.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	67.5	0.0	0.0	0.0	0.0	0.0	21.6	29.5	23.7	40.4	0.0	182.7
Initial Spares												
Total Proc Cost	67.5	0.0	0.0	0.0	0.0	0.0	21.6	29.5	23.7	40.4	0.0	182.7
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The Semitrailer Tank 5,000G is a low profile, bulkhaul semitrailer with a stainless steel, single compartment tank designed to transport/dispense gasoline, diesel and aviation fuels. The M900 series of 5,000G Tank Semitrailer is comprised of the M967A1 Bulkhauler, the M969A1/A2 Automotive Refueler and the M970A1 Under/Over Wing Aircraft Refueler. When empty, these vehicles are air transportable on C130, C141, C17 or C5A aircraft and can be towed by 5-Ton Truck Tractor. All future procured M900 series semitrailers will be transportable at gross vehicle weight (fully loaded) aboard strategic sealift ships due to an improved tiedown system.

JUSTIFICATION: These requirements contracts will fill the Army Authorized Objective (AAO) shortage in concert with supporting the Total Army Analysis (TAA)-03. This TAA-03 process recognized that a severe shortage of petroleum distribution personnel and equipment exists in the current Army force structure and is also identified in the U.S. Army 1996 Modernization Plan rates Petroleum Distribution Equipment as "RED" for the near, mid and far term(s). Desert Storm/Shield substantiated the fact that a fast moving offensive can be completely halted by a lack of fuel for combat vehicles. To correct the petroleum distribution personnel problem many petroleum related units were added to the force structure in the Active, Reserve, and National Guard components.

		Exhibit P-4	0, Budget	ltem Justific	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/S	Serial No:					P-1 Item Nomencla	ture:					
ОТ	HER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					SEMITRAILER T	TANK 5000G AUTON	MOTIVE (D02306)		
Program Elements for Code B I	tems:			Code:	Other Related Prog	ram Elements:						
				Α								
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	2197				28	32	36	30	43	70		2436
Gross Cost	164.0	0.0	0.0	0.0	2.9	3.9	4.2	3.3	4.7	8.5	0.0	191.5
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	164.0	0.0	0.0	0.0	2.9	3.9	4.2	3.3	4.7	8.5	0.0	191.5
Initial Spares												
Total Proc Cost	164.0	0.0	0.0	0.0	2.9	3.9	4.2	3.3	4.7	8.5	0.0	191.5
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The Semitrailer Tank 5,000G is a low profile, bulkhaul semitrailer with a stainless steel, single compartment tank designed to transport/dispense gasoline, diesel and aviation fuels. The M900 series of 5,000G Tank Semitrailer is comprised of the M967A1 Bulkhauler, the M969A1/A2 Automotive Refueler and the M970A1 Under/Over Wing Aircraft Refueler. When empty, these vehicles are air transportable on C130, C141, C17 or C5A aircraft and can be towed by 5-Ton Truck Tractor. All future procured M900 series semitrailers will be transportable at gross vehicle weight (fully loaded) aboard strategic sealift ships due to an improved tiedown system.

JUSTIFICATION: These requirements contracts will fill the Army Authorized Objective (AAO) shortage in concert with supporting the Total Army Analysis (TAA)-03. This TAA-03 process recognized that a severe shortage of petroleum distribution personnel and equipment exists in the current Army force structure and is also identified in the U.S. Army 1996 Modernization Plan rates Petroleum Distribution Equipment as "RED" for the near, mid and far term(s). Desert Storm/Shield substantiated the fact that a fast moving offensive can be completely halted by a lack of fuel for combat vehicles. To correct the petroleum distribution personnel problem, many petroleum related units were added to the force structure in the Active, Reserve, and National Guard components.

Exhibit P-5, Weapon		Appropriation/ Bu	dget Activity	//Serial No:		P-1 Line Ite	em Nomenclature:			Weapon System	Туре:	Date:	
OPA Cost Analysis		OTHER PROCI	JREMENT /	1 / Tactical and			AILER TANK 5000						ruary 1998
_			pport Vehic				(D02306)						•
OPA	ID		FY 96			FY 97			FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle 2. Engineering Support	A	\$000	Each	\$000	\$000	Each	\$000	\$000 2606 108 58 158	28	93	\$000 3360 111 72 111 111 100	Each 35	\$000 96
TOTAL								2930			3865		

		Weapon Syst	and Planning		P-1 Line Item	Nomenclature	ə:			
ppropriation / Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Sup	port Vehicles	, ,					R TANK 5000G AUT	OMOTIVE	E (D02306)
BS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date		QTY	Unit Cost	Specs Avail	Date Revsn	RFP I Da
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. Vehicle										
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Y 98	Canadian Commercial Corp. Ottawa, Ontario, Canada	SS	TACOM	Jan-98	May-98	28	93	Yes	N/A	
Y 99	Canadian Commercial Corp. Ottawa, Ontario, Canada	Option	TACOM	Nov-98	Feb-99	35	96	Yes	N/A	

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		Exhibit P-4	0, Budget	Item Justific	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/	Serial No:					P-1 Item Nomencla	ture:					
ОТ	HER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					SEMITRAILER,	TANK, 7500G, BULI	KHAUL (D02700)		
Program Elements for Code B I	tems:			Code:	Other Related Progr	ram Elements:						
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	727				44	86	95	483	367	941		2743
Gross Cost	22.3	0.0	0.0	0.0	2.9	4.2	4.4	21.4	15.9	41.7	0.0	112.8
Less PY Adv Proc												<u> </u>
Plus CY Adv Proc												<u> </u>
Net Proc (P-1)	22.3	0.0	0.0	0.0	2.9	4.2	4.4	21.4	15.9	41.7	0.0	112.8
Initial Spares												<u> </u>
Total Proc Cost	22.3	0.0	0.0	0.0	2.9	4.2	4.4	21.4	15.9	41.7	0.0	112.8
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The Semitrailer Tank, 7,500 gallons, bulkhaul procurement will transport petroleum products from the source (e.g. Communication Zone (COMMZ) and Rear Corp areas), to the Forward Division area(s) where the fuel is transferred into tactical refueling systems for retail distribution into combat and service support vehicles, aircraft and other ground equipment.

JUSTIFICATION: The Total Army Analysis-03 process recognized that a severe shortage of petroleum distribution equipment and personnel exists in the current Army force structure and is also identified in the U.S. Army Modernization Plan which rates the petroleum Distribution Equipment as "RED" for the near, mid and far terms. Desert Storm/Shield substantiated the fact that a fast moving offensive can be completely halted by a lack of fuel for combat vehicles. To correct the petroleum distribution personnel problem, many petroleum related units were added to the Army's force structure in the Active, Reserve and National Guard Components. However, a severe shortage of petroleum distribution equipment exists and if this procurement is delayed or does not occur, then the Army's inability to distribute fuel will continue to exist. This condition will jeopardize the success of every military operation and allow a severly degrated combat and sustainment fuel distribution process to continue and negatively impact Force XXI.

Exhibit P-5, Weapon		Appropriation/ Bu	dget Activity	/Serial No:		P-1 Line Ite	em Nomenclature:			Weapon System	Type:	Date:	
OPA Cost Analysis		OTHER PROCI	JREMENT /	1 / Tactical and		SEMITRA	AILER, TANK, 750	00G, BULKHAUL				Febi	uary 1998
		Su	pport Vehic	les			(D02700)						
OPA	ID		FY 96			FY 97			FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle	Α	·		·	·			2294	44	52	3612	86	42
Engineering Support													
- In House Support								142			131		
- Contractor Support								33			18		
3. Quality Assurance (TACOM)								52			58		
Testing Production Verification (PVT) at Army Testing Command (ATC)								210			50		
at Army Testing Command (ATC)													
5. System Technical Support (STS)								199			143		
6. Program Management											200		
													ļ
TOTAL								2930			4212		

appropriation / Budget Activity/Serial No:	Exhibit P-5a, Budget Procurer	Weapon Syst			P-1 Line Item	Nomenclature	e:			
OTHER PROCUREMENT / 1 / Tactical and Si	upport Vehicles						R, TANK, 7500G, B	ULKHAUL	(D02700)	
/BS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Iss
scal Years		and Type			Delivery	Each	\$000	Now?	Avail	
. Vehicle										
Y 98	TBS	C/FFP	TACOM	May-98	Sep-98	44	52		N/A	Mar-
Y 99	TBS	Option	TACOM	Jan-99	Jul-99	86	42	Yes	N/A	
REMARKS: 5 Year Requirements Co	ontracts. Purchase description will be utilized.		<u> </u>							<u> </u>

								P-1	Item N	lome	enclat	ure:												Dat	e:							
	FY 98 / 99 BUDGET PROD	UC	CTION SC	HED	ULE						SEMI	TRAIL	ER, T	ANK,	75000	G, BUI	LKHA	UL (D	02700)								Feb	ruary 1	998		
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		Exhibit P-4	0, Budget	ltem Justific	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/S	Serial No:					P-1 Item Nomencla	ture:	•				
ОТ	HER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					SEMITRAILER VAN	CGO SUPPLY 12T 4	WHL M129 (D0480	0)	
Program Elements for Code B I	tems:			Code:	Other Related Prog	ram Elements:						
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	1142	56	39	51	51	71	73	71	81	82		1717
Gross Cost	28.6	4.8	3.1	4.9	4.2	6.4	6.4	6.3	7.5	7.5	0.0	80
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	28.6	4.8	3.1	4.9	4.2	6.4	6.4	6.3	7.5	7.5	0.0	80
Initial Spares												
Total Proc Cost	28.6	4.8	3.1	4.9	4.2	6.4	6.4	6.3	7.5	7.5	0.0	80
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The Semitrailer Van Cargo is a 12 ton, 35 foot military designed four wheel multipurpose tactical semitrailer van. The van body construction is aluminum, to reduce the corrosion problem experienced on the predecessor systems. The construction of the van body is air and water tight. The solid state 12/24 volt D.C electrical system is compatible with military and commercial tractors. The semitrailer van meets current transportability standards. The vehicle has built-in flexibility to permanently secure modular storage and drawer systems for the transportation and issue of shop inventories and military supplies. Prime movers are military 5 Ton Trucks.

JUSTIFICATION: FY99 funds support the procurement of the Semitrailer Van Cargo configuration that is used by various types of support units engaging in storage, transportation and issuance of military supplies. The van houses sophisticated electrical equipment (radio and computerized) for command post communications, spare parts, and maintance tool shops for field repairs. The user has 100% mobility requirement to store, transport and resupply Prescribed Load List/Authorized Support List (PLL/ASL) Class IX items and 80% of the repair parts to the forward elements in a relatively short period of time (20 minutes). The remaining 20% of the repair parts will be in place within a 3-4 hours timeframe. The current fielded systems do not meet the user unique requirements for transportation and issuance of repair parts.

Exhibit P-5, Weapon		Appropriation/ Bu	dget Activity	/Serial No:		P-1 Line Ite	m Nomenclature:			Weapon System	Type:	Date:	
OPA Cost Analysis		OTHER PROCU				SEMITRAIL	ER VAN CGO SU	IPPLY 12T 4WHL				Febr	uary 1998
· ·		Su	pport Vehicl	les			M129 (D0480	0)					
OPA	ID		FY 96			FY 97			FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
1 Vahiala		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle	A	2340 237 250 99 154	30 3	78 79	3876	51 5 1 5 5	76 76 76 76	3532 392 103 21 45 102	47 5	75 78	5772 5772 251 50 228 100	74	78
Quantities are current and may not match P-1/P-40.													
TOTAL		3080			4878			4195			6401		

	Exhibit P-5a, Budget Procurement	History a	and Planning					Date:	February	1998
Appropriation / Budget Activity/Serial No:		Weapon Syst			P-1 Line Item	Nomenclature	:			
OTHER PROCUREMENT / 1 / Tactical and S	Support Vehicles				SEM	ITRAILER VAN	NCGO SUPPLY 12	T 4WHL I	M129 (D04	1800)
WBS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Issu
Fiscal Years		and Type			Delivery	Each	\$000	Now?	Avail	
1. Vehicle										
FY 95	Kalyn/ Siebert Inc, Gatesville,TX	Option	TACOM	Mar-97	Oct-97	1	79	Yes	N/A	Jul-9
FY 96	Kalyn/ Siebert Inc, Gatesville,TX	Option	TACOM	Feb-96	Aug-97	30	79	Yes	N/A	
	Kalyn/ Siebert Inc, Gatesville,TX	Option	TACOM	Mar-97	Nov-97	3	78	Yes	N/A	
FY 97	Kalyn/ Siebert Inc, Gatesville,TX	Option	TACOM	Mar-97	Nov-97	51	76	Yes	N/A	
	Kalyn/ Siebert Inc, Gatesville,TX	Option	TACOM	Sep-97	Dec-97	5	76	Yes	N/A	
	Kalyn/ Siebert Inc, Gatesville,TX	Option	TACOM	Sep-97	Nov-97	1	76	Yes	N/A	
	Kalyn/ Siebert Inc, Gatesville,TX	Option	TACOM	Feb-98	May-98	5	76	Yes	N/A	
FY 98	Kalyn/ Siebert Inc, Gatesville,TX	Option	TACOM	Feb-98	May-98	47	79	Yes	N/A	
	Kalyn/ Siebert Inc, Gatesville,TX	Option	TACOM	Jun-98	Jul-98	5	78	Yes	N/A	
FY 99	Kalyn/ Siebert Inc, Gatesville,TX	Option	TACOM	Oct-98	Nov-99	74	78	Yes	N/A	

REMARKS: 3 year Requirements Contract award in Oct 95. Preparing J&A for a 2 year extension.

								P-1	Item N	Nome	enclat	ure:												Date	e:							
	FY 98 / 99 BUDGET PRO	DUC	TION SC	HED	ULE					SEM	1ITRAI	LER \	/AN C	GO S	UPPL'	Y 12T	4WH	L M12	9 (D04	4800)								Febr	uary 1	998		
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FY 98 / 99 BUDGET PI	RODUC	CTION SO	HED	ULE					SEM	IITRAI	LER V	AN C	GO SI	UPPL	Y 12T	4WHL	M12	9 (D0	4800)								Feb	ruary 1	1998		
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		Exhibit P-4	0, Budget	ltem Justifi	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity	/Serial No:					P-1 Item Nomencla	ture:					
0	THER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					GENERAL	PURPOSE VEHICLE	S (DV0013)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												1
Gross Cost	365.8	0.0	2.6	0.8	0.0	1.1	1.1	1.1	1.0	1.0	0.0	
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	365.8	0.0	2.6	0.8	0.0	1.1	1.1	1.1	1.0	1.0	0.0	
Initial Spares												
Total Proc Cost	365.8	0.0	2.6	0.8	0.0	1.1	1.1	1.1	1.0	1.0	0.0	
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: Vehicles are of standard commercial design, intended primarily for general administrative use in transporting personnel and cargo. Vehicles are procurable from regular production lines and include light to heavy trucks such as carryalls, panel trucks, stake trucks, trailers, semitrailers and fuel-servicing tankers. Kit-ready light armored vehicles are also within this category.

JUSTIFICATION: All budgeted procurements of General Purpose Vehicles are urgently required to satisfy high priority requirements, fill existing worldwide shortages and replace overage/overmileage vehicles. Carryalls are needed for covert OCONUS activities, and fuel-servicing tankers are required to maintain the operation of Army airfields. Fielding of new General Purpose Vehicles will alleviate excessive downtime, reduce maintenance and repair costs, and provide greater operational safety.

Exhibit P-5, Weapon		Appropriation/ Bud	dget Activity	/Serial No:		P-1 Line Ite	m Nomenclature:			Weapon System	Type:	Date:	
OPA Cost Analysis		OTHER PROCL					PURPOSE VEHI				• •		uary 1998
			oport Vehicl										•
OPA	ID		FY 96			FY 97			FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
4 D00000 Tarrely () - marell		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
D26300 Truck, Carryall DA9000 Items Less Than \$2.0M		1530 1079	70 18	22 60	292 501	16 12	18 42				374 685	16 7	23 98
2. 2.10000 Hollio 2000 Fridin \$2.0		1075	10	00	301	12	72				003	,	30
TOTAL		2609			793						1059		
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ppropriation / Budget Activity/Serial No:		Weapon Syst	tem Type:		P-1 Line Item	Nomenclature):			
OTHER PROCUREMENT /Tactical and Support Ve	hicles / 51202534		,				_ L PURPOSE VEHIC	LES (DV	0013)	
BS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Is
scal Years		and Type			Delivery	Each	\$000	Now?	Avail	
ruck, Carryall (D26300)	GSA, Washington, DC	MIPR/FP	GSA	Mar-96	Jun-96	1	18	Yes	NA	
Y96	GSA, Washington, DC	MIPR/FP	GSA	Apr-96	Jul-96	1	23	Yes	NA	
	GSA, Washington, DC	MIPR/FP	GSA	Oct-96	Feb-97	8	35	Yes	NA	
	GSA, Washington, DC	MIPR/FP		Jun-96	Sep-96	16	22	Yes	NA	
	Toyota Motor Corp., Japan	C/FP	Off-Shore	Sep-96		1	17	Yes	NA	
	Volkswagen, Germany	C/FP	Off-Shore	Jun-96	Jul-96	1	25	Yes	NA	
	GK Group, England	C/FP	Off-Shore	Sep-96	Dec-96	1	25	Yes	NA	
	Nissan Motor Co., Japan	C/FP	Off-Shore	Sep-96	Dec 96	1	20	Yes	NA	
	Canberra Toyota	C/FP	Off-Shore	Aug-96	Sep-96	1	28	Yes	NA	
	GSA, Washington, DC	MIPR/FP	GSA	Jul-96	Oct-96	1	21	Yes	NA	
	GSA, Washington, DC	MIPR/FP	GSA	Jul-96	Oct-96	1	21	Yes	NA	
	GSA, Washington, DC	MIPR/FP		Jul-96	Oct-96	1	19	Yes	NA	
	GSA, Washington, DC	MIPR/FP	GSA	Sep-96	Nov-96	3	18	Yes	NA	
	KIA Motors Corp	C/FP	Off-Shore	Aug-96		2	13	Yes	NA	
	Okinawa Masda Aut	C/FP	Off-Shore	Jul-96	Sep-96	1	15	Yes	NA	
	GSA, Washington, DC	MIPR/FP	GSA	Oct-96		1	23	Yes	NA	
	GSA, Washington, DC	MIPR/FP	GSA	Dec-96	Feb-97	16	22	Yes	NA	
	GSA, Washington, DC	MIPR/FP		Sep-96	Feb-97	4	20	Yes	NA	
	GSA, Washington, DC	MIPR/FP			Feb-97	4	18	Yes	NA	
	GSA, Washington, DC				Nov-97	1	20	Yes	NA	
	GSA, Washington, DC		GSA		Nov-97	1	20	Yes	NA	
	Volkswagen, Germany	C/FP	Off-Shore	Oct-97	Nov-97	2	20	Yes	NA	
	TBS	C/FP	Off-Shore		Mar-98	1	19	Yes	NA	
	1.50	5,	5 5	1.0000				. 00		
EMARKS:		1	I	1			I			
Employee.										

Contractor and Location	Contract Method and Type	Location of PCO	Award Date	P-1 Line Item		PURPOSE VEHIC	Specs Avail	Date	RFP Is
	Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost			RFP Is
							Avall	Revsn	Date
	and type			Delivery	Each	\$000	Now?	Avail	Dan
Washington, DC	MIPR/FP	GSA	Mar-97	Jul-97	2	18	Yes	NA	
			Mar-97	Jul-97	1			NA	
			Mar-97		2		Yes	NA	
			Jul-97	Mar-98	1		Yes	NA	
					1		Yes	NA	
					3				
			Apr-98	Jul-98	5	22	Yes	NA	
Washington, DC									
1	Washington, DC Washington, DC In Ford, England Motor Credit Motor Credit Motor Credit Motor Credit Motor Credit Washington, DC	Washington, DC n Ford, England Motor Credit Motor Credit Motor Credit Motor Credit Motor Credit C/FP C/FP C/FP	Washington, DC n Ford, England Motor Credit Motor Credit Motor Credit Motor Credit Motor Credit C/FP C/FP C/FP C/FP C/FP Off-Shore C/FP Off-Shore C/FP Off-Shore Off-Shore	Washington, DC n Ford, England MIPR/FP Off-Shore Off-Shore Off-Shore Unu-97 Off-Shore Unu-97 Off-Shore Off-Shore Off-Shore Off-Shore Off-Shore Off-Shore Off-Shore Apr-98	Washington, DC MIPR/FP GSA Mar-97 Jun-97 Mar-98 Mar-98 Jun-97 Mar-98 Jul-98 Mar-98 Jul-98 Jul-98 Jul-98 Jul-98	Washington, DC MIPR/FP GSA Mar-97 Jun-97 2 In Ford, England C/FP Off-Shore Jul-97 Mar-98 1 I Motor Credit C/FP Off-Shore Jun-97 Mar-98 1 I Motor Credit C/FP Off-Shore Jun-97 Mar-98 3 I Motor Credit C/FP Off-Shore Sep-97 Jul-98 1 C/FP Off-Shore Apr-98 Jul-98 5	Washington, DC MIPR/FP GSA Mar-97 Jun-97 2 20 n Ford, England C/FP Off-Shore Jul-97 Mar-98 1 28 I Motor Credit C/FP Off-Shore Jun-97 Mar-98 1 17 I Motor Credit C/FP Off-Shore Jun-97 Mar-98 3 54 I Motor Credit C/FP Off-Shore Sep-97 Jul-98 1 17 C/FP Off-Shore Apr-98 Jul-98 5 22	Washington, DC MIPR/FP CSA GSA Mar-97 Jul-97 Mar-98 2 20 Yes n Ford, England I Motor Credit C/FP Off-Shore Jul-97 Mar-98 1 28 Yes I Motor Credit C/FP Off-Shore Jun-97 Mar-98 1 17 Yes I Motor Credit C/FP Off-Shore Jun-97 Mar-98 3 54 Yes I Motor Credit C/FP Off-Shore Sep-97 Jul-98 1 17 Yes C/FP Off-Shore Apr-98 Jul-98 5 22 Yes	Washington, DC MIPR/FP of SA Mar-97 of SA Jun-97 of SA Jun-97 of SA Jun-97 of SA Jun-97 of SA NA In Ford, England of In Ford, England of In Ford, England of In Motor Credit C/FP off-Shore Jun-97 of SA Mar-98 of SA 1 28 of SA NA In Motor Credit of In Motor Credit C/FP off-Shore of Sep-97 off-Shore Jun-97 off-Shore o

Exhibit P-5, Weapon		Appropriation/ Bud	dget Activity	//Serial No:		P-1 Line Ite	m Nomenclature:			Weapon System	Type:	Date:	1
OPA Cost Analysis		OTHER PROC				ITEMS	LESS THAN \$2.0	M (DAA9000)				Febi	uary 1998
	ID	Support	Vehicles / 5 FY 96	1202534		FY 97			FY 98		<u> </u>	FY 99	
	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
 D25500 Truck, Cargo D25700 Truck, Cargo D26901 Truck, Van Panel D28000 Truck, Tank, Fuel-Servicing D28700 Truck, Tractor D28902 Truck, Utility D29104 Truck, Van D29300 Truck, Wrecker D32500 Trailer, Van Office (Used) D32700 Trailer, Low Bed D32900 Trailer, Flat Bed 		37 27 18 109 103 138 453 137 36 21	3 1 1 1 1 5 2 2 2 1 1 1	12 27 18 109 103 28 227	23 40	1 3 2 6	23 13 195 8				330 326 29	3	110 109 29
TOTAL		1079			501						685		

		Evhibit D.4	O Dudast	ltom lugtifi	aatian Chaat			Date:				
		EXHIBIT P-4	io, Buaget	item Justini	cation Sheet					February 1998		
Appropriation / Budget Activity/	Serial No:					P-1 Item Nomencla	ure:					
01	THER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					HI MOB MULTI-F	PURP WHLD VEH (H	MMWV) (D15400)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
			ı			I	ı	I	T	T	1	
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	88178	1531	1633	1871	1768	110						95091
Gross Cost	2560.8	117.1	124.7	161.5	128.0	12.1	0.0	0.0	0.0	0.0	0.0	3104.1
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	2560.8	117.1	124.7	161.5	128.0	12.1	0.0	0.0	0.0	0.0	0.0	3104.1
Initial Spares												
Total Proc Cost	2560.8	117.1	124.7	161.5	128.0	12.1	0.0	0.0	0.0	0.0	0.0	3104.1
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The HMMWV is a lightweight, high performance, four-wheel drive, air transportable and air droppable, high mobility tactical family of wheeled vehicles. The vehicle has a diesel engine, automatic transmission and payloads of 2500/3660/4400 lbs. for HMMWV Group I and Group II and Heavy HMMWV (M1097), respectively. The Block 1, or A1 models of the HMMWV began fielding in March 1994. The A1 models have improved seating, upgraded electronics and M1097 components across the family. The A2 models have an updated EPA compliant engine and a 4-speed automatic transmission. The Scout HMMWV is a specially modified armament carrier to accommodate the Scout mission role. The Up-Armored HMMWV (M1114) provides greatly improved ballistic protection versus the basic HMMWV. The Expanded Capacity Vehicle (ECV) chassis will be used for other programs where the M1097 capacity is insufficient.

JUSTIFICATION: In addition to the continued roles of Personnel Carrier, TOW Anti-tank Carrier, Armament Carrier, Shelter Carrier and Ambulance, new missions and threats have generated the need to increase payload and protection levels for the HMMWV. The M1114 improves the protection levels of light tactical vehicles. The increase to 10,000 lbs. gross vehicle weight (GVW) of the M1097 and A2's is being followed with an increased GVW to accommodate the M1114 Scout mission requirements and the M1113 for other shelter systems. The M1114 will be used to replace the M2/M3 Bradley vehicles in the Scout mission roles and the M1113 will be used to support numerous fielded and emerging systems such as Non Line of Sight-Rear (NLOS-R), Line of Sight Anti-tank (LOSAT), Avenger and Standard Integrated Command Post System. FY 1999 funds the armoring of 100 XM1114's and an additional 10 XM1113 ECV's. The XM1113 ECV Shelter Carrier is necessary because many new systems exceed the current HMMWV payload of 4,400 pounds. These same systems cannot be fielded on a larger vehicle because they must be C130 transportable. The Trojan Spirit and FIREFINDER are two examples of the weight growth.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Bud OTHER PROCU Su		1 / Tactical and			m Nomenclature: JLTI-PURP WHLD (D15400)	VEH (HMMWV)		Weapon System	Туре:	Date: Febr	uary 1998
OPA	ID		FY 96			FY 97			FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
1. Vehicle	+	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Up-Armor XM1114 (D15402)		14950	205	73	26426	362	73	27000	360	75	7700	100	77
Exp Cap Veh XM1113 (D15402)					39261	706	56	30581	524	58	600	10	60
Hvy Var M1097 (D15402)		67525	1428	47	39113	803	49	46818	884	53			
SUBTOTAL		82475			104800			104399			8300		
2. Engineering Changes		1107			1836			3577			249		
3. Kits		6895			1713			1331			45		
Government Testing		1294			145			150			150		
5. Engineering Support Government Contractor*		917 16916			1179 8675			1256 4633			151 425		
6. Quality Assurance Support (TACOM)		687			757			337			126		
7. Government Furnished Equipment		11776	(179)		35043	(526)		7691	(110)				
8. Fielding Support (DV0210)		1351			4764			3316			1425		
9. Project Mgmt Spt (DV0220)		1241			2563			1265			1273		
* Includes Bosnia acceleration.													
TOTAL		124659			161475			127955			12144		

Appropriation / Budget Activity/Serial No: Other Contract Contract Contract Method and Type Contract Contract Method and Type Contract Contract Contract Method and Type Contract Contract Method and Type Contract Contract Contract Contract Method and Type Contract	Neapon System Type: P-1 Line Item Nomenclature: Ht MOB MULTI-PURP WHILD VEH (HMMWV) (D15400)									Date:		
### OTHER PROCUREMENT / 1 / Tactical and Support Vehicles #### Contractor and Location ### Contractor and Location of PCO ### Award Date ### Date of First ### OTY ### Unit Cost ### Sooo ### Now? ### Award Date ### Date of First ### OTY ### Unit Cost ### Reven ### Now? ### Award Date ### Date of First ### OTY ### Unit Cost ### Reven ### Now? ### Award Date ### Date of First ### OTY ### Unit Cost ### Award Date ### Date of First ### OTY ### Unit Cost ### Award Date ### Date of First ### OTY ### OTHER ###	Contractor and Location Contractor Con		Exhibit P-5a, Budget Procureme	ent History	and Planning						February	1998
Contractor and Location Contract Method Award Date Date of First GTY Unit Cost Avail Reven Avail Avail Avail Reven Avail	Contractor and Location Contract Method and Type Date of First Delivery Each SOOO Nov? Contract Nov. Nov. Contract Nov. Contract Nov. Nov. Nov. Contract Nov.	Appropriation / Budget Activity/Serial No:		Weapon Syste	em Type:		P-1 Line Item N	lomenclature:				
Method and Type Each SOOO Nov Avail Revsn Friesical Years Nov Nov Avail Revsn Friesical Years Nov N	Method and Type Delivery Delivery Each SOOD Now? Avail Reven Delivery Delivery Each SOOD Now? Avail Now? Avail Reven Delivery Delivery Each SOOD Now? Avail Now. Avail	OTHER PROCUREMENT / 1 / Tactical and	Support Vehicles				Н	MOB MULTI-F	PURP WHLD VEH	(HMMWV) (D15400)
M1097A2, XM1113	AM General, Mishawaka, IN SS/Other TACOM Mar-96 May-96 826 48 Yes N/A	WBS Cost Elements:	Contractor and Location		Location of PCO	Award Date	Date of First	QTY	Unit Cost			RFP Issu Date
FY 96 AM General, Mishawaka, IN PY 96 SS/Other PY 96 TACOM Dec-95 Dec-95 204 47 Yes N/A FY 96 AM General, Mishawaka, IN AM General, Mishawaka, IN SS/Other PY 96 AM General, Mishawaka, IN SS/Other PY AM General, Mishawaka, IN SS/Other PY 97 AM General, Mishawaka, IN SS/Other PY 97 TACOM Sep-97 Jun-98 38 47 Yes N/A AM General, Mishawaka, IN SS/Other PY 97 TACOM Nov-96 May-97 710 52 Yes N/A Yes N/A FY 97 AM General, Mishawaka, IN SS/Other PY 97 AM General, Mishawaka, IN SS/Other PY 97 TACOM Sep-97 Jun-98 445 56 Yes N/A Yes N/A FY 97 AM General, Mishawaka, IN SS/Other PY 97 AM General, Mishawaka, IN SS/Other PY 98 SEO-97 Jun-98 256 50 Yes N/A Yes N/A FY 98 AM General, Mishawaka, IN SS/Other PY PY 98 AM General, Mishawaka, IN SS/Other PY PY 98 AM General, Mishawaka, IN SS/Other PY PY 99 AM General, Misha	AM General, Mishawaka, IN SS/Other TACOM Dec-95 Dec-95 204 47 Yes N/A			and Type			Delivery	Each	\$000	Now?	Avail	
AM General, Mishawaka, IN SS/Other TACOM Mar-96 May-96 May-97	AM General, Mishawaka, IN SS/Other TACOM Mar-96 May-96 826 48 Yes N/A	M1097A2, XM1113										
FY 96 AM General, Mishawaka, IN SS/Other TACOM Aug-96 Oct-96 360 48 Yes N/A FY 96 AM General, Mishawaka, IN SS/Other TACOM Sep-97 Jun-98 38 47 Yes N/A FY 97 AM General, Mishawaka, IN SS/Other TACOM Nov-96 May-97 710 52 Yes N/A FY 97 AM General, Mishawaka, IN SS/Other TACOM Feb-97 Jan-98 445 56 Yes N/A FY 97 AM General, Mishawaka, IN SS/Other TACOM Sep-97 Jun-98 256 50 Yes N/A FY 98 AM General, Mishawaka, IN SS/Other TACOM Dec-97 Aug-98 98 51 Yes N/A FY 98 AM General, Mishawaka, IN SS/Other TACOM Jun-98 Jan-99 110 53 Yes N/A FY 98 AM General, Mishawaka, IN SS/Other TACOM Jun-98 Feb-99 524 <td>96 AM General, Mishawaka, IN SS/Other TACOM Aug-96 Oct-96 360 48 Yes N/A N/A 96 AM General, Mishawaka, IN SS/Other TACOM Sep-97 Jun-98 38 47 Yes N/A N/A 97 AM General, Mishawaka, IN SS/Other TACOM Nov-96 May-97 710 52 Yes N/A N/ 97 AM General, Mishawaka, IN SS/Other SS/Other TACOM Nov-96 May-97 710 52 Yes N/A N/ 97 AM General, Mishawaka, IN SS/Other SS/Other ACOM Sep-97 Jun-98 256 50 Yes N/A N/ 98 AM General, Mishawaka, IN SS/Other TACOM Dec-97 Aug-98 98 51 Yes N/A N/ 98 AM General, Mishawaka, IN SS/Other TACOM Jun-98 Jun-98 98 51 Yes N/A N/ <td< td=""><td>FY 96</td><td>AM General, Mishawaka, IN</td><td>SS/Other</td><td>TACOM</td><td>Dec-95</td><td></td><td>204</td><td>47</td><td>Yes</td><td>N/A</td><td>N/A</td></td<></td>	96 AM General, Mishawaka, IN SS/Other TACOM Aug-96 Oct-96 360 48 Yes N/A N/A 96 AM General, Mishawaka, IN SS/Other TACOM Sep-97 Jun-98 38 47 Yes N/A N/A 97 AM General, Mishawaka, IN SS/Other TACOM Nov-96 May-97 710 52 Yes N/A N/ 97 AM General, Mishawaka, IN SS/Other SS/Other TACOM Nov-96 May-97 710 52 Yes N/A N/ 97 AM General, Mishawaka, IN SS/Other SS/Other ACOM Sep-97 Jun-98 256 50 Yes N/A N/ 98 AM General, Mishawaka, IN SS/Other TACOM Dec-97 Aug-98 98 51 Yes N/A N/ 98 AM General, Mishawaka, IN SS/Other TACOM Jun-98 Jun-98 98 51 Yes N/A N/ <td< td=""><td>FY 96</td><td>AM General, Mishawaka, IN</td><td>SS/Other</td><td>TACOM</td><td>Dec-95</td><td></td><td>204</td><td>47</td><td>Yes</td><td>N/A</td><td>N/A</td></td<>	FY 96	AM General, Mishawaka, IN	SS/Other	TACOM	Dec-95		204	47	Yes	N/A	N/A
FY 96 AM General, Mishawaka, IN SS/Other TACOM Sep-97 Jun-98 38 47 Yes N/A FY 97 AM General, Mishawaka, IN SS/Other TACOM Nov-96 May-97 710 52 Yes N/A FY 97 AM General, Mishawaka, IN SS/Other TACOM Sep-97 Jun-98 445 56 Yes N/A FY 97 AM General, Mishawaka, IN SS/Other TACOM Sep-97 Jun-98 445 56 Yes N/A FY 97 AM General, Mishawaka, IN SS/Other TACOM Sep-97 Jun-98 48 51 Yes N/A FY 98 AM General, Mishawaka, IN SS/Other TACOM Dec-97 Sep-98 774 53 Yes N/A FY 98 AM General, Mishawaka, IN SS/Other TACOM Jun-98 Jan-99 110 53 Yes N/A FY 99 AM General, Mishawaka, IN SS/Other TACOM Jun-98 Feb-99 524 <td>AM General, Mishawaka, IN SS/Other 77 Jun-98 38 47 Yes N/A N/A SS/Other 77 Jun-98 38 47 Yes N/A N/A SS/Other 78 Jun-98 38 47 Yes N/A N/A N/A General, Mishawaka, IN SS/Other 79 Jun-98 38 47 Yes N/A N/A N/A General, Mishawaka, IN SS/Other 79 Jun-98 445 56 Yes N/A N/A SS/Other 79 Jun-98 445 56 Yes N/A N/A SS/Other 79 Jun-98 445 56 Yes N/A N/A SS/Other 70 Jun-98 445 56 Yes N/A N/A N/A SS/Other 70 Jun-98 Jun-98 98 51 Yes N/A N/A N/A N/A SS/Other 70 Jun-98 Jun-98 Jun-98 Jun-99 10 51 Yes N/A N/A N/A SS/Other 70 Jun-98 Jun-99 10 61 Yes N/A N/A N/A SS/Other 70 Jun-98 Jun-99 10 61 Yes N/A N/A N/A N/A SS/Other 70 Jun-98 Jun-99 10 61 Yes N/A N/A N/A N/A N/A SS/Other 70 Jun-98 Jun-99 10 61 Yes N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A</td> <td>FY 96</td> <td>AM General, Mishawaka, IN</td> <td>SS/Other</td> <td>TACOM</td> <td>Mar-96</td> <td>May-96</td> <td>826</td> <td>48</td> <td>Yes</td> <td>N/A</td> <td>N/A</td>	AM General, Mishawaka, IN SS/Other 77 Jun-98 38 47 Yes N/A N/A SS/Other 77 Jun-98 38 47 Yes N/A N/A SS/Other 78 Jun-98 38 47 Yes N/A N/A N/A General, Mishawaka, IN SS/Other 79 Jun-98 38 47 Yes N/A N/A N/A General, Mishawaka, IN SS/Other 79 Jun-98 445 56 Yes N/A N/A SS/Other 79 Jun-98 445 56 Yes N/A N/A SS/Other 79 Jun-98 445 56 Yes N/A N/A SS/Other 70 Jun-98 445 56 Yes N/A N/A N/A SS/Other 70 Jun-98 Jun-98 98 51 Yes N/A N/A N/A N/A SS/Other 70 Jun-98 Jun-98 Jun-98 Jun-99 10 51 Yes N/A N/A N/A SS/Other 70 Jun-98 Jun-99 10 61 Yes N/A N/A N/A SS/Other 70 Jun-98 Jun-99 10 61 Yes N/A N/A N/A N/A SS/Other 70 Jun-98 Jun-99 10 61 Yes N/A N/A N/A N/A N/A SS/Other 70 Jun-98 Jun-99 10 61 Yes N/A	FY 96	AM General, Mishawaka, IN	SS/Other	TACOM	Mar-96	May-96	826	48	Yes	N/A	N/A
FY 97 AM General, Mishawaka, IN AM General, Mishawaka, IN AM General, Mishawaka, IN AM General, Mishawaka, IN SS/Other TACOM Sep-97 Nov-96 Feb-97 Jan-98 Jan-99 Jan-98 Jan-99 Jan-98 Jan-99 Ja	AM General, Mishawaka, IN AM General, Mishawaka, IN AM General, Mishawaka, IN SS/Other SS/Other AM General, Mishawaka, IN	FY 96	AM General, Mishawaka, IN	SS/Other	TACOM	Aug-96	Oct-96	360	48	Yes	N/A	N/A
FY 97 AM General, Mishawaka, IN AM General, Mishawaka, IN AM General, Mishawaka, IN AM General, Mishawaka, IN SS/Other FY97 SS/Other AM General, Mishawaka, IN SS/Other TACOM Sep-97 Jun-98 Jun-99 Jun-99 Jun-98 Jun-99 Jun-98 Jun-99 Jun-99 Jun-98 Jun-99	AM General, Mishawaka, IN SS/Other TACOM Feb-97 Jan-98 445 56 Yes N/A N/OTACOM Sep-97 Jun-98 256 50 Yes N/A N/OTACOM Sep-97 Jun-98 98 51 Yes N/A N/OTACOM Sep-98 774 53 Yes N/A N/OTACOM Jun-98 Jan-99 110 53 Yes N/A N/OTACOM Jun-98 Feb-99 524 58 Yes N/A N/OTACOM Jun-98 Jun-99 Jun-99 Jun-99 Jun-98 Jun-99 Jun	FY 96	AM General, Mishawaka, IN	SS/Other	TACOM	Sep-97	Jun-98	38	47	Yes	N/A	N/A
FY 97 AM General, Mishawaka, IN SS/Other TACOM Sep-97 Jun-98 256 50 Yes N/A FY 97 AM General, Mishawaka, IN SS/Other TACOM Dec-97 Aug-98 98 51 Yes N/A FY 98 AM General, Mishawaka, IN SS/Other TACOM Dec-97 Sep-98 774 53 Yes N/A FY 98 AM General, Mishawaka, IN SS/Other TACOM Jun-98 Jan-99 110 53 Yes N/A FY 99 AM General, Mishawaka, IN SS/Other TACOM Jun-98 Feb-99 524 58 Yes N/A FY 99 AM General, Mishawaka, IN SS/Other TACOM Jun-98 Feb-99 524 58 Yes N/A XM1114 (Up-Armor) FY 99 O'Gara Hess & Eisenhardt SS/Other TACOM Apr-96 Sep-96 72 73 Yes N/A FY 96 O'Gara Hess & Eisenhardt SS/Other TACOM Sep-96 <t< td=""><td>AM General, Mishawaka, IN SS/Other AM General, Mish</td><td>FY 97</td><td>AM General, Mishawaka, IN</td><td>SS/Other</td><td>TACOM</td><td>Nov-96</td><td>May-97</td><td>710</td><td>52</td><td>Yes</td><td>N/A</td><td>N/A</td></t<>	AM General, Mishawaka, IN SS/Other AM General, Mish	FY 97	AM General, Mishawaka, IN	SS/Other	TACOM	Nov-96	May-97	710	52	Yes	N/A	N/A
FY97 AM General, Mishawaka, IN SS/Other TACOM Jun-98 Feb-99 524 58 Yes N/A TACOM Jan-99 Apr-99 10 61 Yes N/A TACOM Jan-99 Apr-99 10 61 Yes N/A TACOM TACOM Jan-99 Apr-99 10 61 Yes N/A TACOM TACOM TACOM Sep-96 Feb-97 133 73 Yes N/A TACOM Sep-96 Feb-97 133 73 Yes N/A TACOM Sep-96 Feb-97 133 73 Yes N/A TACOM	AM General, Mishawaka, IN SS/Other PACOM Dec-97 Aug-98 98 51 Yes N/A N/ Pas N/A M General, Mishawaka, IN SS/Other PACOM Dec-97 Sep-98 774 53 Yes N/A N/ Pas N/A M General, Mishawaka, IN SS/Other PACOM Dec-97 Sep-98 774 53 Yes N/A N/ Pas N/A	FY 97	AM General, Mishawaka, IN	SS/Other	TACOM	Feb-97	Jan-98	445	56	Yes	N/A	N/A
FY 98 AM General, Mishawaka, IN SS/Other SS/O	AM General, Mishawaka, IN	FY 97	AM General, Mishawaka, IN	SS/Other	TACOM	Sep-97	Jun-98	256	50	Yes	N/A	N/A
FY 98 AM General, Mishawaka, IN AM General, Mishawaka, I	AM General, Mishawaka, IN	FY97	AM General, Mishawaka, IN	SS/Other	TACOM	Dec-97	Aug-98	98	51	Yes	N/A	N/A
FY98 AM General, Mishawaka, IN SS/Other TACOM Jun-98 Feb-99 524 58 Yes N/A FY 99 AM General, Mishawaka, IN SS/Other TACOM Jan-99 Apr-99 10 61 Yes N/A XM1114 (Up-Armor) FY96 O'Gara Hess & Eisenhardt, Fairfield, OH SS/Other TACOM Apr-96 Sep-96 72 73 Yes N/A FY 96 O'Gara Hess & Eisenhardt SS/Other TACOM Sep-96 Feb-97 133 73 Yes N/A FY 97 O'Gara Hess & Eisenhardt SS/Other TACOM Mar-97 Aug-97 360 73 Yes N/A FY 98 O'Gara Hess & Eisenhardt SS/Other TACOM Jul-97 Aug-97 2 73 Yes N/A FY 98 O'Gara Hess & Eisenhardt SS/Other TACOM Feb-98 Aug-98 360 75 Yes N/A	AM General, Mishawaka, IN SS/Other TACOM Jun-98 Feb-99 524 58 Yes N/A N/A N/A SS/Other TACOM Jan-99 Apr-99 10 61 Yes N/A	FY 98	AM General, Mishawaka, IN	SS/Other	TACOM	Dec-97		774	53	Yes	N/A	N/A
FY 99 AM General, Mishawaka, IN SS/Other TACOM Jan-99 Apr-99 10 61 Yes N/A XM1114 (Up-Armor) FY96 O'Gara Hess & Eisenhardt, Fairfield, OH SS/Other TACOM Apr-96 Sep-96 72 73 Yes N/A FY 96 O'Gara Hess & Eisenhardt SS/Other TACOM Sep-96 Feb-97 133 73 Yes N/A FY 97 O'Gara Hess & Eisenhardt SS/Other TACOM Mar-97 Aug-97 360 73 Yes N/A FY 98 O'Gara Hess & Eisenhardt SS/Other TACOM Feb-98 Aug-98 360 75 Yes N/A	99 AM General, Mishawaka, IN SS/Other TACOM Jan-99 Apr-99 10 61 Yes N/A	FY98	AM General, Mishawaka, IN	SS/Other	TACOM	Jun-98	Jan-99	110	53	Yes	N/A	N/A
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FY96 O'Gara Hess & Eisenhardt, Fairfield, OH SS/Other Fairfield, OH TACOM Apr-96 Sep-96 72 73 Yes N/A FY 96 O'Gara Hess & Eisenhardt SS/Other TACOM Sep-96 Feb-97 133 73 Yes N/A FY 97 O'Gara Hess & Eisenhardt SS/Other TACOM Mar-97 Aug-97 360 73 Yes N/A FY 98 O'Gara Hess & Eisenhardt SS/Other TACOM Jul-97 Aug-97 2 73 Yes N/A FY 98 O'Gara Hess & Eisenhardt SS/Other TACOM Feb-98 Aug-98 360 75 Yes N/A	O'Gara Hess & Eisenhardt, Fairfield, OH 96 O'Gara Hess & Eisenhardt 97 O'Gara Hess & Eisenhardt 98 O'Gara Hess & Eisenhardt 99 O'Gara Hess & Eisenhardt 99 O'Gara Hess & Eisenhardt 90 O'Gara Hess & Eisenhardt 90 O'Gara Hess & Eisenhardt 91 O'Gara Hess & Eisenhardt 92 O'Gara Hess & Eisenhardt 93 O'Gara Hess & Eisenhardt 94 O'Gara Hess & Eisenhardt 95 O'Gara Hess &	FY 99	AM General, Mishawaka, IN	SS/Other	TACOM	Jan-99	Apr-99	10	61	Yes	N/A	N/A
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REMARKS:

AM General is the current contractor for the following models: M1097A2, M1113, M1025.

O'Gara Hess & Eisenhardt (OHE) is the contractor for the XM1114 Up-Armor (The chassis is provided by AM General as GFE).

The chassis for the XM1114 (built by AM General) are shown on the P-5 as Government Furnished Equipment to support the OHE contract.

Deliveries of the XM1114 Vehicles are only shown under the OHE contract.

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FY 1998 / FY 1999 BUDGET PRO	DUCTION	N SCH	IEDUL	E				HI	I MOE	MULT	ΓI-PUI	RP WI	HLD VE	EH (H	MMW	V) (D1	5400)									Febru	ary 19	998		
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	95 & Pri	FMS	313	0	313			Α		149	148	16																		0
	95 & Pri	OC	241	0	241	43		Α	5	51	63	8	19				9			10					11					22
	96	Α	204	0	204			160	44																					0
	96	GF	179	0	179						Α			39	33		1							27	79					0
	96	Α	826	0	826						Α		103	161	97	180	33		180	72										0
	96	FMS	583	0	583					Α	46	110		T	一	40	T	16			140	134	49		48					0
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	97	OC	320	0	320									T					Α						24		58			238
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	97	Α	445	0	445									T								Α		1						445
	97	GF	526	0	526									T							Α			1						526
	97	Α	256	0	256									T										1					Α	256
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	96	GF	179	179																										0
	96	Α	826	826																								П		0
	96	FMS	583	583																										0
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	97	Α	445	0	445				49	200	196																		\neg	0
	97	GF	526	0	526	93	170	121	141				1																\neg	0
	97	Α	256	0	256									167	89														\neg	0
	97	FMS	1366	792	574	44					15	200	164	13		138													\neg	0
	97	Α	98	0	98			Α								15	83												\neg	0
	98	Α	774	0	774			Α									127	220	170	177	80									0
	98	Α	110	0	110									Α							110									0
	98	Α	524	0	524									Α								200	220	104						0
	98	GF	110	0	110										Α									110						0
	99	Α	10	0	10																Α			10						0
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	94	Α	152	0	152						17	45	65	25																0
	94	Α	104	0	104									45	59															0
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	94	Α	29	0	29												Α				20	9								0
	95	Α	81	0	81					Α					11	70												П		
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	96	Α	72	0	72							Α					23	28	21											0
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	96	OC	17	0	17							Α								17										0
	96	FMS	16	0	16										Α		13	3												0
	97	Α	360	0	360																		Α					26	30	304
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Vehicle (D15400) XM1114	1	93	Α	53	53																										0
		94	Α	152	152																										0
		94	Α	104	104																										0
		94	Α	3	3																										0
		94	Α	29	29																										0
		95	Α	81	81																										0
		95	OC	9	9																										0
		96	Α	72	72																										0
		96	Α	133	133																										0
		96	OC	17	17																										0
		96	FMS	16	16																										0
		97	Α	360	360																										0
		97	Α	2	2																										0
		97	FMS	8	8																										0
		97	OC	45	45																										0
		98	Α	360	360																										0
		99	Α	100	65	35	30	5																							0
TOTAL				1544	1084	35	30	5																							
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R NAME / LOCATION 1 O'Gara Hess & Eisenhardt, Fairfield, OH		MIN. 8		1-8-5 37	MAX. 100	D +			INITIA REOF	AL RDER							4 5			7 5			11		ł						
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		Exhibit P-4	l0, Budget	Item Justific	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/	/Serial No:					P-1 Item Nomencla	ure:					
0	THER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					FAMILY OF MED	IUM TACTICAL VEH	I (FMTV) (D15500)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	3866	3351	675	1807	1213	2038	2297	2576	3776	4010	59791	85400
Gross Cost	554.8	370.2	149.3	236.4	204.0	332.0	411.5	466.4	608.0	695.4	11956.9	15984.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	554.8	370.2	149.3	236.4	204.0	332.0	411.5	466.4	608.0	695.4	11956.9	15984.9
Initial Spares	0.1		0.1			4.3			3.6	3.6	20.2	32.0
Total Proc Cost	554.9	370.2	149.4	236.4	204.0	336.3	411.5	466.4	611.6	699.0	11977.1	16016.9
Flyaway U/C	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Wpn Sys Proc U/C	.1	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2

DESCRIPTION: The Family of Medium Tactical Vehicles (FMTV) is a complete series of trucks and trailers based on a common chassis and varied by payload and mission. The Light Medium Tactical Vehicle (LMTV) has a 2 1/2 ton capacity consisting of cargo and van models. The Medium Tactical Vehicle (MTV) has a 5 ton capacity, consisting of cargo, tractor, van, wrecker, tanker, and dump truck models. Subvariants provide Air Drop (AD) capability for contingency and rapid deployment operations. There is over 80% commonality between variants which significantly reduces operation and maintenance costs. FMTV will perform over 55% of the Army's local and line haul, unit mobility, and unit resupply missions in combat, combat support, and combat service support units. Procurement quantity above is for trucks only.

JUSTIFICATION: The FMTV is required to fill the 2-1/2 ton truck (LMTV) and 5 ton truck (MTV) requirements, reduce significant operating and support costs (a 5 to 1 reduction), resolve operational deficiencies and operate throughout the theater as multi-purpose transportation vehicles used by combat, combat support, and combat service support units. The system is designed to be rapidly deployable worldwide and operate on primary and secondary roads, trails, and cross-country terrain in all climatic conditions. FY99 funds the second year of a sole source 4-year multiyear production contract to be awarded in second quarter FY98. A second source production qualification contract will be competitively awarded in FY98 to up to two contractors. The Army will then down-select to one contractor and award a second source multiyear production contract in FY00.

Exhibit P-5, Weapon		Appropriation/ Bud	dget Activity	/Serial No:		P-1 Line Ite	m Nomenclature:			Weapon System	Туре:	Date:	
OPA Cost Analysis		OTHER PROCU	JREMENT / pport Vehicl			FAMILY OF	MEDIUM TACTION (D15500)	CAL VEH (FMTV)				Feb	ruary 1998
OPA	ID	Cu	FY 96	00		FY 97	(D15500)		FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty*	UnitCost	TotalCost	Qty*	UnitCost	TotalCost	Qty*	UnitCost	TotalCost	Qty*	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicles:	Α												
LMTV Trucks (D13500) LMTV Cargo LMTV Cargo w/ winch LMTV Cargo-Air Drop LMTV Cargo-Air Drop w/ winch		30095 (28249) (1846)	303 (286) (17)	99 99 109	143577 (57239) (49275) (9228) (7610)	1323 (565) (452) (85) (65)	109 101 109 109 117	107435 (106736) (357)	1052 (1048) (2)	102 102 179	19620 (15396) (1845)	165 (136) (15)	119 113 123
LMTV Van LMTV Van w/ winch					(20225)	(156)	130	(246)	(1)	246	(2379)	(14)	170
LMTV Chassis								(96)	(1)	96			
MTV Trucks (D14500) MTV Cargo MTV Cargo w/ Winch MTV Cargo-Air Drop		46079	372	124	58648 (41081) (2647)	484 (350) (21)	121 117 126	40153 (4838) (207)	161 (25) (1)	249 194 207	257162 (120639) (15955)	1724 (904) (112)	149 133 142
MTV Cargo-Air Drop w/ Winch MTV Cargo-Long Wheel Base MTV Cargo-LWB w/ Winch MTV Cargo-LWB & Mat'l Handl Equip								(394)	(2)	197	(7752) (870)	(57) (6)	136 145
MTV Cargo-MHE MTV Dump MTV Dump w/ winch MTV Dump-Air Drop MTV Dump-Air Drop w/ Winch		(7813)	(48)	163	(11469) (1787) (1664)	(88) (13) (12)	130 137 139	(16195) (214)	(61) (1)	265 214	(18675) (6358) (777)	(102) (43) (5)	183 148 155
MTV Tractor MTV Tractor w/ Winch		(32864) (5402)	(281) (43)	117 126				(7990)	(41)	195	(49995)	(372)	134
MTV Wrecker MTV Expansible Van MTV Tanker MTV Chassis MTV Chassis-LWB		(0402)	(40)	123				(3409) (4151) (2527) (114) (114)	(8) (10) (10) (1) (1)	426 415 253 114 114	(36141)	(123)	294
LMTV Trailers (D03500)								59	4	15			
MTV Trailers (D04500)								90	4	23			
SUBTOTAL		76174			202225			147737			276782		
2. Federal Retail Excise Tax		5510			435			4210			16383		
3. Engineering Changes		9492			13424			9625			8255		
Testing (TECOM) Contractor					865			865					

Exhibit P-5, Weapon		Appropriation/ Bu					m Nomenclature:	CAL VEH (FMTV)		Weapon System	Туре:	Date: Febi	ruary 1998
OPA Cost Analysis			pport Vehicl				(D15500)						
OPA	ID		FY 96			FY 97			FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty*	UnitCost	TotalCost	Qty*	UnitCost	TotalCost	Qty*	UnitCost	TotalCost	Qty*	UnitCost
Government	+	\$000 1493	Each	\$000	\$000 998	Each	\$000	\$000 4021	Each	\$000	\$000 1701	Each	\$000
		1 100						1021					
5. Documentation		2768			6870			6702			984		
6. Engineering Support													
Government		1536			2405			3112			3155		
Contractor Prod Qualification		1429			1473			9037 3000			4800 9000		
								3000			3000		
7. Quality Assurance Support		146			184			325			329		
8. Fielding Support (DV0310)		4782			5270			11535			6740		
9. Project Mgmt Support (DV0320)		2488			2263			3868			3915		
10.Non-recurring Contract Extension Cost		43478											
*P-1 Quantity Not Updated													
Gross P-1 End Cost		149296			236412			204037			332044		
Less: Prior Year Adv Proc Net P-1 Full Funding Cost		149296			236412			204037			332044		
Plus: P-1 CY Adv Proc Other Non P-1 Costs		173230			200412			204037			332044		
Initial Spares		90									4344		
Mods					000110			00465=			000000		
TOTAL		149386			236412			204037			336388		

hibit P-5a, Budget Procureme								February	1998
	Weapon Syst	em Type:							
icles		•		F	AMILY OF ME	DIUM TACTICAL V		, ,	,
Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Issu Date
	and Type			Delivery	Each	\$000	Now?	Avail	
Stewart & Stevenson, Inc. Sealy, TX									
Stewart & Stevenson, Inc.	SSM-3(1)	TACOM	Aug-96	Jun-97	675	113	Yes		
Stewart & Stevenson, Inc.	SSM-3(1)	TACOM	Jan-97	Jun-97	229	118	Yes		
Stewart & Stevenson, Inc.	SSM-3(2)	TACOM	Feb-97	May-98	1578	111	Yes		
Stewart & Stevenson, Inc.	SSM-3(3)	TACOM	Nov-97	Oct-98	1042	101	Yes		
Stewart & Stevenson, Inc.	SSM-4(1)	ТАСОМ	Feb-98	Jan-99	171 8	246 19	Yes		
TBS	CFFP	TACOM	Jul-98	N/A	N/A		Yes		Feb-9
Stewart & Stevenson, Inc.	SSM-4(2)	TACOM	Nov-98	Aug-99	1889	147	Yes		
TBS	Option	TACOM	Nov-98	N/A	N/A		Yes		
	Stewart & Stevenson, Inc. Sealy, TX Stewart & Stevenson, Inc.	Contractor and Location Contract Method and Type Stewart & Stevenson, Inc. Sealy, TX Stewart & Stevenson, Inc. Stewart & Stevenson, Inc. Stewart & Stevenson, Inc. Stewart & Stevenson, Inc. SSM-3(1) Stewart & Stevenson, Inc. SSM-3(2) Stewart & Stevenson, Inc. SSM-3(3) Stewart & Stevenson, Inc. SSM-4(1) TBS CFFP Stewart & Stevenson, Inc. SSM-4(2)	Contract Method and Type Stewart & Stevenson, Inc. Sealy, TX Stewart & Stevenson, Inc. SSM-3(1) TACOM Stewart & Stevenson, Inc. SSM-3(2) TACOM Stewart & Stevenson, Inc. SSM-3(3) TACOM Stewart & Stevenson, Inc. SSM-4(1) TACOM TBS CFFP TACOM Stewart & Stevenson, Inc. SSM-4(2) TACOM	Contractor and Location Contract Method and Type Stewart & Stevenson, Inc. Sealy, TX Stewart & Stevenson, Inc. SSM-3(1) TACOM Aug-96 Stewart & Stevenson, Inc. SSM-3(1) TACOM Jan-97 Stewart & Stevenson, Inc. SSM-3(2) TACOM Feb-97 Stewart & Stevenson, Inc. SSM-3(3) TACOM Nov-97 Stewart & Stevenson, Inc. SSM-4(1) TACOM Feb-98 TBS CFFP TACOM Jul-98 Stewart & Stevenson, Inc. SSM-4(2) TACOM Nov-98	Contractor and Location Contract Method and Type Stewart & Stevenson, Inc. Sealy, TX Stewart & Stevenson, Inc. Stewart & Stevenson, Inc. Stewart & Stevenson, Inc. Stewart & Stevenson, Inc. SSM-3(1) Stewart & Stevenson, Inc. SSM-3(1) Stewart & Stevenson, Inc. SSM-3(1) Stewart & Stevenson, Inc. SSM-3(2) Stewart & Stevenson, Inc. SSM-3(3) Stewart & Stevenson, Inc. SSM-3(4) Stewart & Stevenson, Inc. SSM-4(1) SSM-4(1) TACOM Feb-98 Jan-99 TBS CFFP TACOM Jul-98 N/A Stewart & Stevenson, Inc. SSM-4(2) TACOM Nov-98 Aug-99	Weapon System Type: P-1 Line Item Nomenclature	Weapon System Type: P-1 Line Item Nomenclature: FAMILY OF MEDIUM TACTICAL V	Contract Contract Contract Contract Stewart & Stevenson, Inc. Stewart & St	Neapon System Type: P-1 Line Item Nomenclature: FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D1550

REMARKS:

^{*}FY98/99 production qualification contract is for analysis of existing FMTV documentation, fabrication of test vehicles and test support for the production qualification phase of the FMTV acquisition strategy.

FY 98 / 99 BUDGET PR	ODUC	TION SC	HED	ULE			P-1 I	tem N				DIUM ⁻	TACT	ICAL \	/EHIC	CLES	(FMTV	') (D1:	5500)				Date	э:			Febru	uary 19	998		
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COST ELEMENTS	R		R V		1 OCT	1 OCT	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U	U G	E P	C	0 V	E C	A N	E B	A R	P R	A Y	U N	U	U G	E P	E R
Vehicles (D15500)	1	95&Pri	ALL	7364	2039	5325	171		Ū	104	J					_	Ŭ			Ť	27	445	34	228	-	193	668	236	282	129	2106
,	1	96	Α	675	0	675											Α										65	62	79	20	449
	1	96	OC	4	0	4											Α												4		
	1	96	NG	206	0	206												Α											8	28	170
	1	96	FMS	99	0	99												Α									28	55	16		
	1	97	Α	229	0	229																Α					11	12	28	26	152
	1	97	Α	1578	0	1578																	Α								1578
	1	97	FMS	148	0	148																							Ш		148
	1	98	Α	1042	0	1042																									1042
	1	98*	Α	179	0	179																	<u> </u>	<u> </u>	L				Ш		179
	1	99	Α	1889	0	1889																	<u> </u>	<u> </u>	L				Ш		1889
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	Т	01	Α	170	0	170																							ш		170
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T To Be Selected		TBD	7	ГВD	TBD	TBD			INITIA	RDER AL							1			9			10		FYO	0* inc	ludes (600 Tr	railers		
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FY 98 / 99 BUDGET PR	ODUC	TION SC	HED	ULE			P-1 I	tem N				DIUM ⁻	ГАСТІ	CAL V	EHIC	LES (I	-MTV)	(D15	500)				Date	:			Febru	ary 19	998		
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COST ELEMENTS	R		R V		1 OCT	1 OCT	C	0 V	E C	A N	E B	A R	P R	A Y	U N	U	U G	E P	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U	U G	E P	E R
Vehicles (D15500)	1	95&Pri	ALL	7364	5258	2106	220	324	345	345	345	345	182																M	\exists	
	1	96	Α	675	226	449	56						163	230															\Box		ĺ
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	1	96	FMS	99	99																										l
	1	97	Α	229	77	152	123	29																							i
	1	97	Α	1578	0	1578								115	346	366	366	366	19											\Box	
	1	97	FMS	148	0	148					9	4			14	13	32	13	19	10	34										l
	1	98	Α	1042	0	1042		Α											346	348	348										
	1	98*	Α	179	0	179					Α											25	25	25	26	26	26	26			
	1	99	Α	1889	0	1889														Α									150	150	1589
	1	00*	Α	2777	0	2777																							П		2777
	Т	00	Α	120	0	120																								\Box	120
	1	01*	Α	3006	0	3006																								\Box	3006
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	1	02*	Α	3903	0	3903																								\Box	3903
	Т	02	Α	473	0	473																								\Box	473
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Total				28472	5700	22772	410	373	365	365	374	369	365	365	379	379	398	379	384	358	382	25	25	25	26	26	26	26	150	150	16648
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FY 98 / 99 BUDGET PRO	DUC	TION SC	HED	ULE					FAM	IILY O	F ME	DIUM	TACTI	CAL V	/EHIC	LES (FMTV) (D15	500)								Febru	ary 19	998		
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	F R	FY	E R	Each	TO 1 OCT	AS OF 1 OCT	0	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	0 C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	T E
COST ELEMENTS			V				T	V	C	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	R
Vehicles (D15500)	1	95&Pri	ALL	7364	7364																										
	1	96	Α	675	675																										
	1	96	OC	4	4																										
	1	96	NG	206	206																										
	1	96	FMS	99	99																										
	1	97	Α	229	229																										
	1	97	Α	1578	1578																										
	1	97	FMS	148	148																										
	1	98	Α	1042	1042																										
	1	98*	Α	179	179																			l							
	1	99	Α	1889	300	1589	150	150	150	150	150	150	160	170	179	180															
	1	00*	Α	2777	0	2777		Α									200	200	200	200	227	250	250	250	250	250	250	250			
	T	00	Α	120	0	120			Α												15	15	15	15	15	15	15	15			
	1	01*	Α	3006	0	3006														Α									250	250	2500
	Ť	01	Α	170	0	170														A									15	15	140
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FY 98 / 99 BUDGET PRO	ODUC	TION SC	HED	ULE			P-1 I	tem N			ure: F MED	NUM .	TACTIO	CAL V	'EHIC	LES (I	FMTV) (D15	5500)				Date	э:			Febr	uary 1	998		
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	1	96	Α	675	675																										
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Stewart & Stevenson, Inc.		150		350	700	12				RDER							1			9			10		Tra	ilers:					
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		Exhibit P-4	0, Budget	ltem Justific	ation Sheet					February 1998		
Appropriation / Budget Activity/	Serial No:					P-1 Item Nomencla	ture:					
ТО	HER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					SPECIAL	PURPOSE VEHICLE	S (DV0014)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
				Α								
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	244.2	0.0	0.9	0.4	0.0	1.1	1.1	1.1	1.0	1.0	0.0	
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	244.2	0.0	0.9	0.4	0.0	1.1	1.1	1.1	1.0	1.0	0.0	
Initial Spares												
Total Proc Cost	244.2	0.0	0.9	0.4	0.0	1.1	1.1	1.1	1.0	1.0	0.0	
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: Vehicles are commercially designed for specialized use in the direct support of facility engineering, maintenance and similar activities within an organization. This includes maintenance trucks, dump trucks, refuse trucks and other vehicles with mounted equipment. Special Purpose Vehicles are managed under the age or mileage criteria.

JUSTIFICATION: Special Purpose Vehicles are not being converted to General Services Administration (GSA) lease; therefore, support to the health and welfare missions of the field must continue to be provided by procurement. Service platform trucks are required to continue the engineering support mission necessary to the operation of posts, camps and stations. All budgeted procurements of non-tactical vehicles are urgently required to satisfy high priority requirements, fill existing worldwide shortages and replace overage/overmileage/substitue vehicles. Fielding of new vehicles will provide greater operational safety, alleviate excessive downt reduce maintenance and repair costs and maximize the mission capabilities of users.

		Exhibit P-4	0, Budget	Item Justific	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/	Serial No:					P-1 Item Nomencla	ure:	_				
01	THER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					FAMILY OF HEAVY	TACTICAL VEHICL	ES (FHTV) (DA0500))	
Program Elements for Code B	Items:			Code:	Other Related Progr	am Elements:						
				А		PE	0604622 Family of	Heavy Tactical Vehic	eles			
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	3181.8	16.9	119.3	241.4	114.3	189.6	177.8	222.6	148.9	568.3	436.0	5417.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	3181.8	16.9	119.3	241.4	114.3	189.6	177.8	222.6	148.9	568.3	436.0	5417.0
Initial Spares												
Total Proc Cost	3181.8	16.9	119.3	241.4	114.3	189.6	177.8	222.6	148.9	568.3	436.0	5417.0
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: This line includes various Heavy Tactical Wheeled Vehicles which are used in such missions as line haul, local haul, unit resupply and other missions in the tactical environment to support modern and highly mobile combat units. Systems include the Palletized Load System (PLS) along with companion trailers, flatracks, Container Handling Units (CHU), and the Palletized Load System - Enhanced (PLS-E) configuration as well as the Heavy Expanded Mobility Tactical Truck (HEMTT), and the Heavy Equipment Transporter System (HETS).

JUSTIFICATION: FY98 Funds will buy PLS, HETS, HEMTT, PLS-E, Flatracks (Containerized Roll-in/Out Platform (CROP)) for Tier I Ammo Depots and Container Handling Units (CHU) for Force Package (FP) I requirements. FY99-03 continues fill of PLS, HETS, HEMTT, Flatracks and CHU in FP II-IV and fills PLS-E to the first Digitized Division and Corps, TAA-03, and Army National Guard Division Redesign units.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Bu OTHER PROCU Su	-	1 / Tactical and			m Nomenclature: DF HEAVY TACTI (FHTV) (DA05)			Weapon System	Туре:	Date: Feb	ruary 1998
OPA	ID		FY 96			FY 97	(11114) (1110	00)	FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Family of Heavy Tactical Vehicles (FHTV) (DA0500)	Α												
PALLETIZED LOAD SYSTEM (PLS) Palletized Load System (PLS) D16500) Trailer, PLS, 8x20 D08900) Cargo Bed, Demountable (8x20)(D16100) PLS Container Handling Unit (CHU) Palletized Load System-Enhanced (PLS-E) FHTV-PLS Fielding Support (DV0410) FHTV/PLS Proj Mgt Support (DV0420)		43961 2023 2563 1134	173 50	254 40	46548 8338 61434 6015 2234 1839	150 185 9780 371	310 45 6 16	24640 6988 1020 2830 500 2143	95 910 72 432		41305 4638 4661 846 2929 2162 1691	96 596 60 432	285 48 8 14 7
SUBTOTAL		49681			126408			38121			58232		
Truck, 10T, 8x8		9711 20121 2130	64 12	314 178	4851 23028 2583	20 80 16	243 288 161	5459 26841	20 88	273 305	42784	124	345
Heavy Equipment Transporter System (DV0012)		37702	82	460	84547	193	438	43919	95	462	88601	182	487
Note: The \$4.4 Million pre-mod depot maintenance effort transferred from OMA is included in the HEMTT FY99 program. P5 reflects affordable quantities and may not match P1/P40 quantities.													
TOTAL		119345			241417			114340			189617		

		Exhibit P-4	10, Budget	ltem Justifi	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/S	Serial No:					P-1 Item Nomencla	ture:	•				
ОТ	HER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					PALLETIZE	D LOAD SYSTEM (P	LS) (D16500)		
Program Elements for Code B I	tems:			Code:	Other Related Prog	ram Elements:						
				Α		PI	0604622 Family of	Heavy Tactical Vehic	cles			
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	2691		173	150	95	139	96	123	68	67	232	3834
Gross Cost	1032.9	16.9	52.3	126.4	38.1	58.2	49.4	88.5	62.2	61.8	436.0	2022.8
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	1032.9	16.9	52.3	126.4	38.1	58.2	49.4	88.5	62.2	61.8	436.0	2022.8
Initial Spares												
Total Proc Cost	1032.9	16.9	52.3	126.4	38.1	58.2	49.4	88.5	62.2	61.8	436.0	2022.8
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The Palletized Load System (PLS) consists of a 16.5 ton payload prime mover (10x10) with an integral load-handling system, which provides self-loading and unloading capability; a 16.5 ton payload trailer; and demountable cargo beds, or flatracks. The PLS performs line haul, local haul, unit resupply and other missions in the tactical environment to support modern and highly mobile combat units. The PLS truck is equipped with a central tire inflation system (CTIS) which significantly improves off-road mobility. An intermodal flatrack with enhanced transportability, stacking and deployability has been designed and has been in production since FY95. The Containerized Roll-in/out Platform (CROP), an A-frame type flatrack which fits inside a 20 foot International Standards for Organization (ISO) container, was acquired FY97. Quantities noted above are for truck prime mover only.

JUSTIFICATION: The PLS is the primary component of the Maneuver Oriented Ammunition Distribution System (MOADS). The PLS will allow interoperability with the comparable British, German and French systems, through the use of a common flatrack. A container handling unit (CHU) will be fielded to transportation and ammunition units and to forward support battalions providing the capability to pick up and transport 20 foot ISO containers without the use of a flatrack. FY99 funds procurement of PLS trucks, trailers, flatracks (CROPS), CHUs, and PLS-E.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Bud OTHER PROCU Su		1 / Tactical and			m Nomenclature: ED LOAD SYSTEM	Л (PLS) (D16500)		Weapon System	Type:	Date: Febr	ruary 1998
OPA	ID		FY 96			FY 97			FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
	+	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle	Α												
Trucks (D16500) Trailer (D08900)		42431 2023	173 50	245 40	37818 8338	150 185	252 45	24700	95	260	39005 4603	145 96	269 48
Flatracks (D16100)					60981	9780	6	6488	910	7		596	7
Container Handling Unit (CHU)(D16101) PLS-Enhanced (PLS-E) (D16103)					5245	371	14	1022 2830	72 432	14 7	926 2890	60 432	15 7
SUBTOTAL		44454			112382			35040			51764		
Engineering Changes		508			5308			36			1477		
Government Testing		218			766			56			246		
Engineering Support Government		319			968			389			654		
5. Quality Assurance Support		467			561			412			496		
6. Documentation		18			1451								
7. Fielding Support (DV0410)		2563			1984			500			1713		
8. Proj Mgmt Support (DV0420)		1134			2987			1688			1882		
P5 reflects affordable quantities and may not match P1/P40 quantities.													
TOTAL		49681			126407			38121			58232		

	Exhibit P-5a, Budget Procureme	nt History a	and Planning					Date:	February	1998
Appropriation / Budget Activity/Serial No:		Weapon Syst			P-1 Line Item	Nomenclature):			
OTHER PROCUREMENT / 1 / Tactical and Su	upport Vehicles					PALLETIZE	ED LOAD SYSTEM	(PLS) (D	16500)	
WBS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Issue Date
Fiscal Years	5	and Type			Delivery	Each	\$000	Now?	Avail	
Trucks (D16500)										
FY 96	Oshkosh Truck Corp.	Option	TACOM	Apr-96	Nov-96	173	245	Yes	N/A	N/A
FY 97	Oshkosh, WI	SS/FFP	TACOM	Jul-97	Aug-97	150	252		N/A	N/A
FY 98		Option	TACOM	Jan-98	Aug-98	95	260	Yes	N/A	N/A
FY 99		Option	TACOM	Dec-98	Jun-99	145	269	Yes	N/A	N/A
Trailer (D08900)										
FY 95	Oshkosh Truck Corp.	Option	TACOM	Dec-95		171	40		N/A	N/A
FY 95	Oshkosh, WI	Option	TACOM	Sep-96		60	40	Yes	N/A	N/A
FY 96		Option	TACOM	Apr-96		50	40	Yes	N/A	N/A
FY 97		SS/FFP	TACOM	Jul-97	Sep-97	50	40	Yes	N/A	N/A
FY 97		Option	TACOM	Sep-97		135	45		N/A	N/A
FY 99		Option	TACOM	Dec-98	May-99	96	48	Yes	N/A	N/A
Flatracks (D16100)										
FY 94	Summa Technologies	C/FFP	TACOM	Aug-96		3000	8		N/A	N/A
FY 97	Summa Technologies	C/FFP	TACOM	Aug-97		2000	7	Yes	N/A	N/A
FY 97	Hyundai, San Diego, CA	C/FFP	TACOM	Jul-97	Apr-98	7780	6	Yes	N/A	N/A
FY 98	TBS	Option	TACOM	Jun-98		910	7	Yes	N/A	N/A
FY 99	TBS	Option	TACOM	Nov-98	May-99	596	7	Yes	N/A	N/A

REMARKS: Note: Summa Technologies is located in Huntsville, AL.

Ext	nibit P-5a, Budget Procuremer	nt History a	and Planning					Date:	February	1998
Appropriation / Budget Activity/Serial No:	ca, zaagot i rocarome.	Weapon Syst			P-1 Line Item	Nomenclature	e:			
OTHER PROCUREMENT / 1 / Tactical and Support Vehic	cles						ED LOAD SYSTEM	(PLS) (D	16500)	
WBS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Issu Date
Fiscal Years		and Type			Delivery	Each	\$000	Now?	Avail	
Container Handling Unit (CHU)(D16101)										
FY 95	Oshkosh Truck Corp.	C/FFP	TACOM	Jul-97	Jan-99	114	13	Yes	N/A	N/A
FY 97	Oshkosh Truck Corp.	C/FFP	TACOM	Jul-97	Mar-98	236	14		N/A	N/A
FY 97	Oshkosh Truck Corp.	Option	TACOM	Jun-98		135	14		N/A	N/A
FY 98	Oshkosh Truck Corp.	Option	TACOM	Jun-98	Jun-99	72	14		N/A	N/A
FY 99	Oshkosh Truck Corp.	Option	TACOM	Jan-99		60	15		N/A	N/A
PLS-E (D16103)										
FY 98	TBS	C/FFP	PEO STAMIS	Jun-98		432	7	Yes	N/A	Mar-9
FY 99	TBS	Option	PEO STAMIS	Dec-98	Apr-99	432		Yes	N/A	N/A
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M3 CROP	2	94	Α	3000	0	3000											Α														3000
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M3 CROP	3	97	Α	7780	0	7780																						Α			7780
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M3 CROP 2	97	Α	2000	0	2000							25	50	75	85	100	165	200	200	275	275	275	275							
M3 CROP	97	Α	7780	0	7780							25	100	150	170	300	550	830	1040	1135	1160	1160	1160							
M3 CROP T	1 98	Α	910	0	910									Α						75	75	76	76	76	76	76	76	76	76	152
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Appropriation / Budget Activity/	Serial No:					P-1 Item Nomencla	ture:					
01	HER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					HEAVY EQUIPM	MENT TRANSPORTE	R SYS (DV0012)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
				А		PI	0604622 Family of	Heavy Tactical Vehic	eles			
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty			82	188	94	182	183	177	157	154		1217
Gross Cost	345.9	0.0	37.7	84.5	43.9	88.6	90.9	87.1	85.7	85.6	0.0	950.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	345.9	0.0	37.7	84.5	43.9	88.6	90.9	87.1	85.7	85.6	0.0	950.0
Initial Spares												
Total Proc Cost	345.9	0.0	37.7	84.5	43.9	88.6	90.9	87.1	85.7	85.6	0.0	950.0
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: This Heavy Equipment Transporter System consists of the M1000 Semitrailer and the M1070 Truck Tractor. Together, they form a system whose primary mission is to transport main battle tanks and heavy equipment. This system also has the capability to self-load and unload disabled tanks. Quantities shown above are systems.

JUSTIFICATION: Program allows Army to procure additional HETS quantities toward Army Acquisition Objective (AAO). The HETS continues to provide the only tactical transportation and evacuation support for the main battle tank and other heavy tracked combat vehicles. The previous generation transporter systems (M911/M747) are overaged and overloaded since combat units no longer are equipped with M60 tanks but with heavier M1s. Funding provides equipment for activation of National Guard TAA-03 and Army National Guard Division Redesign HETS truck companies.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Bu OTHER PROCU Su	-	1 / Tactical and	_		m Nomenclature: QUIPMENT TRAN (DV0012)	ISPORTER SYS		Weapon System	Туре:	Date: Febr	uary 1998
OPA	ID		FY 96			FY 97			FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle	Α												
M1070 Tractor		17987	82	219	42729	193	221	21191	95	223	42954	185	232
M1000 Trailer		16009	82	195	36788	193	191	18525	95	195	37258	185	201
SUBTOTAL		33996			79517			39716			80212		
2. Federal Retail Excise Tax		1064			242			2691			5163		
3. Engineering Changes		708			1737			271			1439		
Government Testing		266			1062			146			304		
5. Documentation		564			83			157			258		
Engineering Support Government		152			268			254			270		
7. Quality Assurance Support		422			328			107			305		
8. TPF		220			542			202			280		
8. PM Support		310			768			375			370		
P5 reflects affordable quantities and may not match P1/P40 quantities.													
TOTAL		37702			84547			43919			88601		

Exhibit P-5a, Budget Procuremen	t History a	and Planning					Date:	February	1998
	Weapon Syst	em Type:		P-1 Line Item	Nomenclature	:			
support Vehicles				ŀ	HEAVY EQUIP	MENT TRANSPOR	RTER SYS	S (DV0012	<u>'</u>)
Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs	Date	RFP Issue
	and Type			Delivery	Each	\$000	Now?	Avail	Date
Oshkosh Truck, Oshkosh, WI	SS/FFP	TACOM			82	216	Yes	No	
Oshkosh Truck, Oshkosh, WI	Option	TACOM			184	222	Yes	No	
Oshkosh Truck, Oshkosh, WI	Option	TACOM	Sep-97	Apr-98	4	223	Yes	No	
Oshkosh Truck, Oshkosh, WI	Option	TACOM	Feb-98	Sep-98	5	223	Yes	No	
Oshkosh Truck, Oshkosh, WI	Option	TACOM	Feb-98	Aug-98	95	223	Yes	No	
Oshkosh Truck, Oshkosh, WI	SS/FFP	TACOM	Nov-98	May-99	185	232	Yes	No	
Systems & Electronics, Inc.	SS/FFP	TACOM	Feb-96	Dec-96	82	195	Yes	No	
Systems & Electronics, Inc.	Option	TACOM	Mar-97	Aug-97	184			No	
Systems & Electronics, Inc.	Option	I .			4	193	Yes	No	
Systems & Electronics, Inc.	Option	TACOM			5	193	Yes	No	
Systems & Electronics, Inc.	Option	TACOM	Feb-98	Feb-99	95	193	Yes	No	
Systems & Electronics, Inc.					185	201	Yes	No	
	Oshkosh Truck, Oshkosh, WI Systems & Electronics, Inc.	Ushkosh Truck, Oshkosh, WI Oshkosh Truck, Oshkosh, WI Option Oshk	Contract Method and Type Oshkosh Truck, Oshkosh, WI Oshkosh Truck, Oshkosh, WI Oshkosh Truck, Oshkosh, WI Option TACOM TACOM Oshkosh Truck, Oshkosh, WI Option TACOM Systems & Electronics, Inc. Systems & Electronics, Inc. Systems & Electronics, Inc. Systems & Electronics, Inc. Option TACOM TACOM Systems & Electronics, Inc. Option TACOM TACOM TACOM Systems & Electronics, Inc. Option TACOM TACOM TACOM Systems & Electronics, Inc. Option TACOM TACOM TACOM TACOM Option TACOM Option TACOM TACOM	Weapon System Type: Contract Method and Type	Weapon System Type: Contract	Weapon System Type: Contract Method and Type Contract Method Aug-96 Contract Method Aug-97 Contract Method Aug-96 Contract Method Aug-97 Contract Method Aug-97 Contract Method Aug-97 Contract Method Aug-96 Contract Method Aug-96 Contract Method Aug-97 Contract Method Aug-96 Contract Method Aug-97 Contract Method Aug-98 Contract Method Aug-98 Contract Method Aug-98 Contract Method Aug-98 Contract Method	Contractor and Location	Weapon System Type: P-1 Line Item Nomenclature: HEAVY EQUIPMENT TRANSPORTER SYSTEM Now?	Weapon System Type: P-1 Line Item Nomenclature: HEAVY EQUIPMENT TRANSPORTER SYS (DV0012 Revsn Avail Now. Now.

REMARKS: Systems & Electronics, Inc.is located in St. Louis, MO

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FY 98 / 99 BUDGET PR	RODUC	TION SC	CHED	ULE					H	HEAV	Y EQU	JIPME	NT TE	RANSF	PORT	ER S	YS (D\	/0012	?)								Febru	ary 19	998		
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	1	FY 97	Α	184	0	184																Α							10	10	164
	1	FY 97	Α	4	0	4																								Α	4
	1	FY97	Α	5	0	5					Α																				5
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	2	FY 99	Α	185	0	185																									185
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		Exhibit P-4	10, Budget	ltem Justifi	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/	Serial No:					P-1 Item Nomencla	ture:					
OTHE	R PROCUREMENT /Tacti	cal and Support Veh	hicles / 51108309						Truck, 10T, 8x8, AB	Г		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
				А		PE	0604622 Family of	Heavy Tactical Vehic	eles			
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	11173		76	116	110	133	103	161	2	1447		13321
Gross Cost	1814.7	0.0	29.4	30.5	32.3	42.8	37.5	47.0	1.0	420.9	0.0	2455.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	1814.7	0.0	29.4	30.5	32.3	42.8	37.5	47.0	1.0	420.9	0.0	2455.9
Initial Spares												
Total Proc Cost	1814.7	0.0	29.4	30.5	32.3	42.8	37.5	47.0	1.0	420.9	0.0	2455.9
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The 10-ton truck is a diesel-powered, 8-wheel drive, tactical vehicle available in five body styles, two cargo configurations, a wrecker, tanker and tractor. The Heavy Expanded Mobility Tactical Truck (HEMTT) transports ammunition, petroleum, oils and lubricants and is used as the prime mover for certain missile systems. The M984A1 wrecker is the recovery vehicle for other wheeled support and combat vehicle systems.

JUSTIFICATION: The Army is short 540 HEMTT wreckers and 971 HEMTT fuel tankers to meet current requirements. The HEMTT wrecker is a key vehicle for recovery operations in Artillery, Armor, Infantry and other organizations that are equipped with heavy vehicles. The HEMTT tractor is required for Theatre High Altitude Air Defense (THAAD) units and also for activation of new Patriot units.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Bud OTHER PROC Support \	-	/Tactical and		P-1 Line Ite	m Nomenclature: Truck, 10T, 8x8,	ABT		Weapon System	Туре:	Date: Febr	uary 1998
OPA	ID		FY 96			FY 97			FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
 Vehicle Truck, Cargo, 10T, 8x8 (D16201) Truck, Tank, Fuel Svc, 8x8 (D16202) Truck, Recovery, 10T, 8x8 (D16203) Truck, Tractor, 10T, 8x8 (D16205) 	Α	16158 1674	64 12	252 140	4439 19990 2322	20 80 16	222 250 145	4632 22852	20 88	232 260	36279	124	293
SUBTOTAL		17832			26751			27484			36279		
Federal Retail Excise Tax (FRET)		2108			3387			3113			4353		
3. Engineering Changes		199			61			550			726		
4. Government Testing		382			158			181			215		
5. Armor Kits		9628											
Engineering Support Government		984			37			153			171		
7. Quality Assurance Support		202						150			164		
8. Documentation		627			68			75			105		
9. TPF/SFS								300			360		
10. PM Support								294			411		
P5 reflects affordable quantities and may not match P1/P40 quantities.													
Note: The \$4.4 Million pre-mod depot maintenance effort transferred from OMA is included in the Paragraph 1 HEMTT Vehicle line for D16203 in FY99, which increases the calculated unit cost. The expected unit cost for D16203 in FY99 is \$261K.													
TOTAL		31962			30462			32300			42784		

		Weapon Syst	em Type:		P-1 Line Item	Nomenclature	o.			
Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT /Tactical and Support \u21bb	/ehicles / 51108309	Wodpon Gyor			1 -1 Line item	Tomendature	Truck, 10T, 8x8,	ABT		
/BS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Is
iscal Years		and Type			Delivery	Each	\$000	Now?	Avail	Dat
/ehicle (HEMTT)		,,,,,			,		•			
Y 96	Oshkosh Truck, Oshkosh, WI	SS/FFP	TACOM	Jul-96	Feb-97	76	235	Yes	N/A	N/
Y 97	Oshkosh Truck, Oshkosh, WI	Option	TACOM	Mar-97	Oct-97	116	230		N/A	N/
Y 98	Oshkosh Truck, Oshkosh, WI	Option	TACOM	Mar-98		108	254		N/A	N/
Y 99	Oshkosh Truck, Oshkosh, WI		TACOM	Nov-98		124	261		N/A	N/

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		Exhibit P-4	I0, Budget	ltem Justifi	cation Sheet					February 1998		
Appropriation / Budget Activity	/Serial No:					P-1 Item Nomencla	ture:	•				
0	THER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					ARMORED SE	CURITY VEHICLES	(ASV) (D02800)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
	0604642A			В			0604	4328D				
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty				27	25		18	26	35	24		155
Gross Cost	0.0	0.0	0.0	10.8	10.7	0.0	6.7	9.5	13.3	10.0	0.0	61.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	0.0	0.0	0.0	10.8	10.7	0.0	6.7	9.5	13.3	10.0	0.0	61.0
Initial Spares												
Total Proc Cost												
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The Armored Security Vehicle (ASV) is a lightly armored all-wheel drive vehicle that provides ballistic protection, overhead protection and protection against landmines. The ASV will accept the MK-19 grenade machine gun, the M-2 .50 caliber machine gun and the M-60 7.62mm machine gun. The ASV will be transportable by C-130 and larger aircraft, rail and marine transport modes and will be capable of carrying four persons. The vehicle will have a diesel engine, automatic transmission, central tire inflation system and a payload of 3,360 lbs with all kits installed. Additional survivability enhancements include, gas particulate ventilated facepieces, a multi-salvo smoke grenade launcher, a crew/engine compartment fire suppression system, an intercom system w/radio interface and transparent armor and blackout capability.

JUSTIFICATION: The ASV will be used by the Military Police (MP) to perform missions of security, battlefield circulation and law and order across the entire operational continuum. The MP units are under-protected for their doctrinal combat support mission. The ASV concept was approved in June 1987 under the Armored Family of Vehicles Operational and Organizational concept. The MPs will either conduct Force XXI missions in a warfighting environment or they will perform force protection and stabilization operations in a short of war contingency environment. The Research and Development contract was awarded to Textron Marine and Land Systems Division of New Orleans, LA in December 1995. Congress directed FY95 RDT&E funding for this program under PE 0604328D to insure all services needs were met. Additional RDT&E funding is being executed under PE 0604642A, Light Tactical Wheeled Vehicles. A Limited User Test (LUT) was conducted on the ASV at Ft. Hood, TX in June 1997. The LUT consisted of two 96 hour mission scenarios. The LUT identified shortcomings in MANPRINT, maintainability and transportability. The test vehicles are currently being upgraded at the manufacturers facility to correct the identified shortcomings of the system and are scheduled to begin testing in April 1998. Production contract is scheduled for a 1Q 1999 award.

Exhibit P-5, Weapon		Appropriation/ Bu	dget Activity	/Serial No:		P-1 Line Ite	m Nomenclature:			Weapon System	Type:	Date:	
OPA Cost Analysis				1 / Tactical and		ARMORE	ED SECURITY VE	HICLES (ASV)				Feb	ruary 1998
	ID	Su	FY 96	es		FY 97	(D02800)		FY 98			FY 99	
OPA Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost*	Qty*	UnitCost	TotalCost	Qty*	UnitCost	TotalCost	Qty*	UnitCost
COSt Liements	- 05	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle (D02800)		·		·	8801	27	326			326			·
Engineering Changes					264			220					
Testing (TECOM) Contractor Government					202 145			67 145					
4. Documentation					854			293					
Engineering Support Government Contract					153 300			155 100					
6. Quality Assurance Support (TACOM)					85			86					
7. Vehicle Intercom System (VIS)								1500					
TOTAL					10804			10715					
*Qtys are current and may not match P-1/P-40.													

Appropriation / Budget Activity/Serial No:		Weapon Syst	em Type:		P-1 Line Item N	Nomenclature:				
OTHER PROCUREMENT / 1 / Tactical and Suppo	ort Vehicles					ARMORED SI	ECURITY VEHICLE	S (ASV) (D02800)	
VBS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date		QTY	Unit Cost	Specs Avail	Date Revsn	RFP Is
iscal Years		and Type			Delivery	Each	\$000	Now?	Avail	
. Vehicle (D02800)										
Y 97	Textron Marine & Land Systems*	SS-4(1)	TACOM	Dec-98	Jun-99	27	326		N/A	N//
Y 98	Textron Marine & Land Systems*	SS-4(1)	TACOM	Dec-98	Jun-99	25	326	Yes	N/A	N/A
REMARKS: Textron Marine & Land Syst	tems, New Orleans, LA	1	I	1				<u> </u>		<u> </u>

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1.	Vehicle (D02800)																															
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		Exhibit P-4	0, Budget I	Item Justific	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/S	Serial No:		,		-	P-1 Item Nomenclat	iure:	-				
OT	HER PROCUREMENT /	1 / Tactical and Supr	port Vehicles					TRUCK, TRACTO	OR, LINE HAUL, M91	15/M916 (DA0600)		
Program Elements for Code B It	:ems:			Code:	Other Related Progr	ram Elements:						
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	7410	1			0.0	440	353	285	601	637		9726
Gross Cost	419.1	0.0	0.0	0.0	0.0	59.5	49.4	36.1	76.3	80.7	0.0	721
Less PY Adv Proc				T	Τ						T'	
Plus CY Adv Proc												
Net Proc (P-1)	419.1	0.0	0.0	0.0	0.0	59.5	49.4	36.1	76.3	80.7	0.0	721
Initial Spares												
Total Proc Cost	419.1	0.0	0.0	0.0	0.0	59.5	49.4	36.1	76.3	80.7	0.0	721
Flyaway U/C							!		'			
Wpn Sys Proc U/C												
DESCRIPTION: T family of vehicles. JUSTIFICATION:	Common com	nponents incl	lude the cab	o, engine, and	d transmissior	n.	·				•	

secondary, and off-roads.

		Exhibit P-4	0. Budget	Item Justifi	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/	Serial No:		-, -			P-1 Item Nomencla	ture:			. 02.44.7 .000		
Oī	THER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					TRUCK, TRAC	TOR, LINE HAUL, M	915A3 (D15900)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	5417				0.0	440	353	285	530	530		7555
Gross Cost	290.9	0.0	0.0	0.0	0.0	59.5	49.4	36.1	66.8	66.5	0.0	569.2
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	290.9	0.0	0.0	0.0	0.0	59.5	49.4	36.1	66.8	66.5	0.0	569.2
Initial Spares												
Total Proc Cost	290.9	0.0	0.0	0.0	0.0	59.5	49.4	36.1	66.8	66.5	0.0	569.2
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRITION: M915A3 Line Haul Tractor. The M915A3 truck tractor is a Non-Developmental Item vehicle found in medium transportation companies and is a prime mover to transport breakbulk, containers and petroleum over primary and secondary roads. It is a 6x4 tractor with a 2 1/2 inch kingpin and 105,000 GCVW capacity. The M915A3 is transportable by highway, rail, marine, and air modes worldwide.

JUSTIFICATION: The M915A3 truck tractor replaces the aging M915 fleet which is 15-17 years old and supplies new vehicles for newly activating petroleum companies organized as a result of a Desert Storm deficiency. These new petroleum companies will add necessary fuel hauling capacity to support the modern battlefield. Since the M915 truck tractor is experiencing below the goal mission capable rates and is difficult and expensive to support due to its age, the new M915A3 truck tractor will significantly improve readiness by leveraging of high production rate commercial truck technology.

opropriation / Budget Activity/Serial No:		Weapon Syst	tem Type:		P-1 Line Item	Nomenclature				
OTHER PROCUREMENT / 1 / Tactical and S	Support Vehicles					TRUCK, TRA	CTOR, LINE HAUL	, M915A3		
BS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Is
scal Years		and Type			Delivery	Each	\$000	Now?	Avail	
Vehicle Y 99	Freightliner, Portland,Oregon	Option	TACOM	Feb-99	Sep-99	440	130	Yes	No	
EMARKS: Option to contract	number DAAE07-95-C-X076									

								P-1 I	tem N	lome	nclati	ure:												Dat	e:							
	FY 98 / 99 BUDGET PROD	UC	TION SC	HED	ULE								RACTO	OR, LI	NE HA	AUL, N	M915/	A3 (D1	15900)								Feb	ruary 1	1998		
	-				PROC	ACCEP.	BAL					Fis	cal	Year	96					1				Fi	iscal	Yea	ır 97					L
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		Exhibit P-4	ŧ0, Budget ∣	ltem Justifi	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/S	erial No:					P-1 Item Nomenclat	ture:					
ОТН	HER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					TRUCK, TRACTO	OR, YARD TYPE, M8	78 (C/S) (D16000)		
Program Elements for Code B It	ems:			Code:	Other Related Progr	ram Elements:						
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	220					57			128	28		433
Gross Cost	11.3	0.0	0.0	0.0	0.0	4.9	0.0	0.0	9.0	2.0	0.0	27
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	11.3	0.0	0.0	0.0	0.0	4.9	0.0	0.0	9.0	2.0	0.0	27
Initial Spares												
Total Proc Cost	11.3	0.0	0.0	0.0	0.0	4.9	0.0	0.0	9.0	2.0	0.0	27
Flyaway U/C												
Wpn Sys Proc U/C												
DESCRIPTION: T	he Truck Tract	tor, Yard Tyr	pe, (C/S) is	primarily us	ed to provide	a capability	to shuttle ser	mitrailers loa	ded with con	tainers of bro	eakbulk cargo	o within

DESCRIPTION: The Truck Tractor, Yard Type, (C/S) is primarily used to provide a capability to shuttle semitrailers loaded with containers of breakbulk cargo within fixed ports, on prepared beaches during Logistics-Over-The -Shore (LOTS) operations, and in trailer transfer areas. The vehicle is a highly maneuverable commercial tractor with an automatic locking, hydraulic-lock fifth wheel, which facilitates semitrailer coupling and disengagement and allows movement of the semitrailer/chassis without retracting the landing legs. It is capable of moving vehicles weighing from 21,000 up to 60,000 pounds.

JUSTIFICATION: The Truck Tractor, Yard Type, (C/S) is required to fill existing shortages, provide vehicles for newly created Terminal Service Units and replace overage M878 and M878A1 vehicles.

Exhibit P-5, Weapon		Appropriation/ Bu	dget Activity	/Serial No:		P-1 Line Ite	em Nomenclature:			Weapon System	Type:	Date:	
OPA Cost Analysis		OTHER PROCI	UREMENT /	1 / Tactical and				TYPE, M878 (C/S)					uary 1998
	_	Su	pport Vehic	les			(D16000)						
OPA	ID		FY 96			FY 97	1		FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
1 Vehicle		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Vehicle Engineering Support											4644	68	68
-In House Support											208		
-III Flouse Support											200		
*Qtys are current and may not match													
P-1/P-40.													
TOTAL											4050		
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Exhibit	P-5a, Budget Procurement l	History a	nd Planning					Date:	ebruary 1	998
Appropriation / Budget Activity/Serial No:	, ,	Weapon Syste			P-1 Line Item	Nomenclatur	e:			
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		, ,	•				TOR, YARD TYPE,	M878 (C/S	S) (D16000))
WBS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Issue Date
Fiscal Years		and Type			Delivery	Each	\$000	Now?	Avail	
1. Vehicle										
1. Vehicle FY 99	Crane Carrier Corp., Tulsa, OK	Option	GSA	Dec-98	Apr-99	68	68	Yes	N/A	N/A
DEMANYO										
REMARKS:										

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	FY 98 / 99 BUDGET PROD	UC	CTION SC	HED	ULE					Т	RUCK	, TRA	CTOF	R, YAI	RD TY	PE, M	1878 (0	C/S) (I	D1600	00)									Febr	uary 19	998		
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		Exhibit P-4	l0, Budget	ltem Justifi	cation Sheet					February 1998		
Appropriation / Budget Activity/	/Serial No:					P-1 Item Nomencla	ture:	-				
07	THER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					MEDIUM TRUCK	EXTENDED SVC PG	GM (ESP) (DV0008)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
	0604604A			В								
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	241		342	667		325	608	631	626	624		3823
Gross Cost	17.6	0.0	19.4	39.8	0.0	37.2	65.0	60.2	60.0	60.0		359.2
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	17.6		19.4	39.8	0.0	37.2	65.0	60.2	60.0	60.0	0.0	359.2
Initial Spares												
Total Proc Cost	17.6	0.0	19.4	39.8	0.0	37.2	65.0	60.2	60.0	60.0	0.0	359.2
Flyaway U/C												
Wpn Sys Proc U/C	0.1		.1	.1		.1	.1	.1	.1	.1		.1

DESCRIPTION: There are two medium truck remanufacture programs included in this line: the 2 1/2 Ton Extended Service Program (ESP) and the 5 Ton Truck Remanufacture Program (5TTR). The remanufacture programs provide vehicles that meet current emission standards and include numerous safety improvements. The remanufactured vehicles are equipped with a new engine, Central Tire Inflation System (CTIS) and radial tires for enhanced mobility, automatic transmission and power assist/power steering.

JUSTIFICATION: The Medium Truck Remanufacture Programs provide a cost effective means to assure an adequate inventory of medium tactical trucks by remanufacturing a portion of the existing 2 1/2 ton and 5 ton fleets in a "total force" framework in conjunction with Family of Medium Tactical Vehicles (FMTV) procurement. The 5 Ton Truck Remanufacture Program is being combined with similar U.S. Marine Corps efforts to form the Medium Tactical Truck Remanufacture (MTTR) program. The Remanufacture Programs allow the total Army (Active, Reserve, and National Guard) to enhance readiness in a time of declining defense spending.

Exhibit P-5, Weapon		Appropriation/ Bud	dget Activity	/Serial No:		P-1 Line Ite	m Nomenclature:			Weapon System	Type:	Date:	
OPA Cost Analysis		OTHER PROCL					TRUCK EXTEND						ruary 1998
			pport Vehicle				(ESP) (DV000						
OPA	ID		FY 96			FY 97			FY 98			FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
2 1/2T TRUCK EXTENDED SVC PGM (ESP)		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
5-TON TRUCK EXTENDED SVC PGM(ESP)		19371	342	57	39811	667	60				26428 10819	252 73	105 148
S TON TROOK EXTENDED GVOT GIVILEST)											10019	73	140
*Quantities are current and may not													
match the P-1.													
TOTAL		19371			39811						37247		

								Date:				
		Exhibit P-4	I0, Budget	ltem Justifi	cation Sheet					February 1998		
Appropriation / Budget Activity	Serial No:					P-1 Item Nomencla	ture:	•				
0	THER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					2 1/2T TRUCK E	XTENDED SVC PGI	M (ESP) (DV0009)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
				А								
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty	241		342	667		252	298	318	305	304		2727
Gross Cost	17.6		19.4	39.8	0.0	26.4	29.8	29.6	28.6	28.5		219.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	17.6		19.4	39.8	0.0	26.4	29.8	29.6	28.6	28.5	0.0	219.7
Initial Spares												
Total Proc Cost	17.6	0.0	19.4	39.8	0.0	26.4	29.8	29.6	28.6	28.5	0.0	219.7
Flyaway U/C												
Wpn Sys Proc U/C	0.1		.1	.1		.1	.1	.1	.1	.1		.1

DESCRIPTION: The 2 1/2 Ton Truck Extended Service Program (ESP) is a remanufacturing program for the 2 1/2 ton cargo trucks. The Remanufacture Program provides a vehicle that meets current emission standards and includes numerous safety improvements. The remanufactured vehicles will be equipped with new engine, Central Tire Inflation System (CTIS) and radial tires for enhanced mobility, automatic transmission, power assist steering and antilock brakes.

JUSTIFICATION: The 2 1/2 Ton Truck Extended Service Program provides a cost effective means to assure an adequate inventory of 2 1/2 ton tactical trucks by remanufacturing a portion of the existing fleet. The Remanufacture Program allows the total Army (Active, Reserve, and National Guard) to enhance readiness in a time of declining defense spending.

	Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Bud OTHER PROCL		1 / Tactical and			m Nomenclature: JCK EXTENDED (DV0009)	SVC PGM (ESP)		Weapon System	Type:	Date: Febr	uary 1998
	OPA	ID		FY 96	-		FY 97	(DV0009)		FY 98			FY 99	
	Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1.	Vehicle (DV0009)		18208	342	53	36832	667	55				20916	252	83
2.	Engineering Changes		458			1150						628		
3.	Testing (TECOM) Government Contractor		65			75						1000 250		
4.	Documentation		218			100						1900		
5.	Engineering Support Government Contractor		82			270						297		
6.	Quality Assurance Support		216			270						297		
7.	Fielding Support		17			614						359		
8.	Project Management Support		107			500						781		
*Q P-´	uantities are current and may not match 1.													
то	DTAL		19371			39811						26428		

Appropriation / Budget Activity/Serial No:	nibit P-5a, Budget Procuremer	Weapon Syst			P-1 Line Item	Nomenclature):):			
OTHER PROCUREMENT / 1 / Tactical and Support Vehic	eles		,				EXTENDED SVC P	GM (ESP) (DV0009))
VBS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Iss Date
iscal Years		and Type			Delivery	Each	\$000	Now?	Avail	
2 1/2 T Truck Extended Svc Pgm (DV0009)										
FY96	AM General, South Bend, IN	Option	TACOM	Jun-97	Jun-97	170	47	Yes		
FY96	AM General, South Bend, IN		TACOM	Aug-96		172	59			
FY97	AM General, South Bend, IN		TACOM	Jul-97	Jan-98	535	55			
FY97	AM General, South Bend, IN	SS	TACOM	Feb-98		132	62			
-Y99	AM General, South Bend, IN		TACOM	Nov-98		252	83			Jun-
	,									
REMARKS: FY99 will be a new 5-year multiyea	ar contract.									

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	FY 98 / 99 BUDGET PROI	DUC	CTION SC	HED	ULE					2	2 1/2T	TRUC	CK EX	TEND	DED S	VC PG	SM (ES	SP) (D	V000	9)								Febr	uary 1	998		
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2 ′	1/2T TRUCK ESP (DV0009)	1	95&Pri	ALL	2572	634	1938	97	84	83	84	85	94	91	108	87	71	102	97	113	84	92	94	95	89	104	105	58	21			
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		Exhibit P-4	10, Budget	Item Justific	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/	Serial No:					P-1 Item Nomencla	ture:					
01	THER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					5-TON TRUCK E	EXTENDED SVC PG	M(ESP) (DV0010)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
	0604604A			В								
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty						73	310	313	321	320		1337
Gross Cost	0.0	0.0	0.0	0.0	0.0	10.8	35.1	30.6	31.4	31.4		139.3
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	0.0	0.0	0.0	0.0	0.0	10.8	35.1	30.6	31.4	31.4	0.0	139.3
Initial Spares												
Total Proc Cost	0.0	0.0	0.0	0.0	0.0	10.8	35.1	30.6	31.4	31.4	0.0	139.3
Flyaway U/C												
Wpn Sys Proc U/C						.1	.1	.1	.1	.1		.1

DESCRIPTION: The 5 Ton Truck Remanufacture Program is a remanufacturing program for 5 ton cargo trucks. The Remanufacture Program provides a vehicle that meets current emission standards and includes numerous safety improvements. The remanufactured vehicles are equipped with new engine, Central Tire Inflation System (CTIS) and radial tires for enhanced mobility, automatic transmission, power steering and antilock brakes.

JUSTIFICATION: The 5 Ton Truck Remanufacture Program provides a cost effective means to assure an adequate inventory of medium tactical trucks by remanufacturing a portion of the existing 5 ton fleet to increase mobility, maintainability and reliability. This program is being combined with similar U.S. Marine Corps efforts to form the Medium Tactical Truck Remanufacture (MTTR) program. MTTR allows total Army and Marine Corps to enhance readiness in a time of declining defense spending.

Exhibit P-5, Weapon		Appropriation/ Bu	dget Activity	//Serial No:		P-1 Line Ite	em Nomenclature:			Weapon System	Type:	Date:	
OPA Cost Analysis				1 / Tactical and		5-TON TR	RUCK EXTENDED	SVC PGM(ESP)				Feb	ruary 1998
	ΙD	Su	pport Vehic	les	ı	EV 07	(DV0010)		FY 98			FY 99	
OPA Cost Floments	ID CD	TotalCost	FY 96 Qty	UnitCost	TotalCost	FY 97 Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
Cost Elements	CD	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle (DV0010)		·		·	·		·			·	6424		88
2. Engineering Changes											240		
Testing (TECOM) Government Contractor											100 500		
4. Documentation											2250		
Engineering Support Government Contractor											297		
6. Quality Assurance Support											297		
7. Fielding Support											100		
8. Project Management Support											611		
*Quantities are current and may not match the P-1.													
TOTAL											10819		

Exhi	bit P-5a, Budget Procureme							Date:	February ²	1998
Appropriation / Budget Activity/Serial No:		Weapon Syst	em Type:			Nomenclature				
OTHER PROCUREMENT / 1 / Tactical and Support Vehicles	s	2 1 1	Ţ			5-TON TRUCK	EXTENDED SVC		_	
/BS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Iss Date
iscal Years		and Type			Delivery	Each	\$000	Now?	Avail	
i-Ton Truck Extended Svc Pgm (DV0010)										
Y99	TBS	CM-5(1)	TACOM	Nov-98	Nov-99	73	88	Yes		Jun-9

								P-1	tem N	omei	nclatu	ure:												Dat	e:							
	FY 98 / 99 BUDGET PRO	DUC	CTION SO	CHED	ULE								KEX	TEND	ED S\	/C PG	M(ES	P) (D'	V0010	0)								Febr	uary 1	998		
					PROC	ACCEP.	BAL					Fis	cal	Year	96									Fi	scal	Yea	r 97					L
		М		S	QTY	PRIOR	DUE								Cale	ndaı	r Yea	ar 96	3						С	aler	dar `	Year	97			Α
		F	FY	E	Each	TO	AS OF	0	N	D	J	F	М	Α	М	J	J	Α	S	0	Ν	D E	J	F		Α	М	J	J	Α	S	Т
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5-T T	TRUCK ESP (DV0010)	T	99	Ā	73		73	-	A	C	IN	В	K	K	1	IN		G			10	4	4	5	-	6	÷	6	6	7	7	7
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		Exhibit P-4	I0, Budget	Item Justific	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/	Serial No:					P-1 Item Nomencla	ture:					
ОТ	THER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					LII	NE HAUL ESP (DV00	011)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty						62	120	370	370	500		1422
Gross Cost	0.0	0.0	0.0	0.0	0.0	4.9	9.4	28.1	28.6	28.5	0.0	100
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	0.0	0.0	0.0	0.0	0.0	4.9	9.4	28.1	28.6	28.5	0.0	100
Initial Spares												
Total Proc Cost	0.0	0.0	0.0	0.0	0.0	4.9	9.4	28.1	28.6	28.5	0.0	100
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The Line Haul truck tractor is an upgrade vehicle found in Medium Transportation Companies used as a prime mover to transport breakbulk, containers and petroleum over primary and secondary roads. It is a 6x4 tractor with a 2 1/2 inch kingpin and 105,000 Gross Combination Vehicle Weight capacity. The Line Haul truck tractor is transportable by highway, rail, marine and air modes worldwide. The Line Haul truck tractor combines new state of the art components such as the cab, transmission, electrical and air systems with the existing Line Haul truck tractor engine and rear axle to create the M915A4 tractor at a cost effective price.

JUSTIFICATION: The Line Haul truck tractor ESP uses selected components from the aging 15-17 year old Line haul fleet to produce upgraded vehicles at a cost effective unit price. These upgraded tractors will replace the Line Haul tractors on a one for one basis. The Line Haul truck tractor is currently experiencing below the goal mission capable rates and is difficult and expensive to support due to its age. The upgraded Line Haul truck tractor will significantly improve readiness due to its new cab and transmission.

Exhibit P-5, Weapon		Appropriation/ Bu	dget Activity	/Serial No:		P-1 Line Ite	em Nomenclature:			Weapon System	Type:	Date:	
OPA Cost Analysis		OTHER PROC	JREMENT /	1 / Tactical and			INE HAUL ESP ([-		ruary 1998
		Su	pport Vehic	les							_		
OPA	ID		FY 96	T		FY 97			FY 98	•		FY 99	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
1. Vehicle	Α	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000 4805	Each 62	\$000
Engineering Support	A										4605	62	78
-In House Support											40		
3. Documentation											38		
TOTAL											4883		
										1			
										1			
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ppropriation / Budget Activity/Serial No:	Exhibit P-5a, Budget Procurem	Weapon Sys			P-1 Line Item	Nomenclatur				
OTHER PROCUREMENT / 1 / Tactical and Su	upport Vehicles					L	INE HAUL ESP (D'			
BS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Specs Avail	Date Revsn	RFP Iss Date
scal Years		and Type			Delivery	Each	\$000	Now?	Avail	
Vehicle Y 99	TBS	*C/FP	TACOM	Mar-99	Jan-00	62	78	Yes	No	Nov-
EMARKS: *Firm Fixed price 5 year	requirements contract planned.		1		1					<u> </u>

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FY	98 / 99 BUDGET PRO	ODUC	TION SC	HED	ULE								LINE	HAU	L ESP	(DV0	011)											Febru	ary 19	998		
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		1	FY 98	AR	122	0	122							Α															19	40	40	23
		1	FY 98	NG	122	0	122							Α																		122
		1	FY 99	Α	62	0	62																		Α							62
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		Exhibit P-4	0, Budget	ltem Justifi	cation Sheet			Date:		February 1998		
Appropriation / Budget Activity/s	Serial No:					P-1 Item Nomencla	ture:					
ОТ	THER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					H	MMWV ESP (DV023	30)		
Program Elements for Code B I	Items:			Code:	Other Related Prog	ram Elements:						
	0604642A			В								
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty						387	1275	2792	2939	5189		12582
Gross Cost	0.0	0.0	0.0	0.0	0.0	24.8	59.1	129.4	138.3	246.8	0.0	598.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	0.0	0.0	0.0	0.0	0.0	24.8	59.1	129.4	138.3	246.8	0.0	598.4
Initial Spares												1
Total Proc Cost	0.0	0.0	0.0	0.0	0.0	24.8	59.1	129.4	138.3	246.8	0.0	598.4
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: The High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) is a lightweight, high performance, four-wheel drive, air transportable and air droppable, high mobility tactical wheeled vehicle. The HMMWV Extended Service Program (ESP) is a remanufacturing program for the original HMMWV's fielded to Force Package 1. These HMMWV units with high mileage, which are in need of replacement/remanufacture, include the Cargo/Utility, Armor, Ambulance and Shelter Carrier.

JUSTIFICATION: HMMWV ESP provides a cost effective means to assure an adequate inventory of vehicles by remanufacturing a portion of the existing HMMWV fleet. The procurement of vehicles with updated design will allow insertion of evolving performance requirements and extend the service life of the vehicles. HMMWV ESP will provide vehicles that meet current emission standards and include numerous safety improvements. ESP allows the Army to enhance its readiness in a time of declining defense spending. RDT&E funding under Program Element 0604642A funds the development of a remanufacture drawing package which incorporates updated design, safety improvements, and combination of component refurbishment and replacement. Components which have been improved during the evolution of the HMMWV will be incorporated in the remanufactured vehicles where technically and economically feasible. The acquisition strategy is to develop a remanufacture package leading to a five year competitive multi-year production contract beginning in FY 1999.

Exhibit P-5, Weapon OPA Cost Analysis		Appropriation/ Bu OTHER PROC		//Serial No:			em Nomenclature: HMMWV ESP (D			Weapon System	Type:	Date: Feb	ruary 1998
			pport Vehic				`	,			<u> </u>		Ĭ
OPA	ID CD	TotalCost	FY 96 Qty	UnitCost	TotalCast	FY 97 Qty	UnitCost	TotalCost	FY 98 Qty	UnitCost	TotalCost	FY 99 Qty	UnitCost
Cost Elements	CD	\$000	Each	\$000	TotalCost \$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle (DV0230)	В	•		•	,		•			•	17415		45
2. Engineering Changes											488		
Testing (TECOM) Contractor Government											542 1136		
4. Documentation											1161		
Engineering Support Government Contractor											293 3500		
6. Quality Assurance Support (TACOM)											297		
TOTAL											24832		

Exhibit I	P-5a, Budget Procurement l							Date:	ebruary 1	998
Appropriation / Budget Activity/Serial No: OTHER PROCUREMENT / 1 / Tactical and Support Vehicles		Weapon Syste	ет Туре:		P-1 Line Item	Nomenclatur	e: HMMWV ESP (DV	0230)		
WBS Cost Elements:	Contractor and Location	Contract Method	Location of PCO	Award Date		QTY	Unit Cost	Specs Avail	Date Revsn	RFP Issue Date
Fiscal Years 1. Vehicle (DV0230) FY 99	TBS	Method and Type CM-5(1)		Mar-99	Delivery	387	\$000	Now?	Revsn Avail	4Q98
REMARKS:										

								P-1 l	Item N	lome	enclat	ure:												Date	e:							
	FY 98 / 99 BUDGET PROD	UC	TION SC	HED	ULE								НМ	IMWV	/ ESP	(DV02	230)											Febr	uary 1	998		
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R	NAME / LOCATION		MIN.		1-8-5	MAX.	D +			INITIA	AL							5			10			15		1						
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								Date:				
		Exhibit P-4	0, Budget I	tem Justific	cation Sheet		•			February 1998		
Appropriation / Budget Activity/Se	erial No:					P-1 Item Nomenclate	ure:					
ОТН	HER PROCUREMENT / 1	1 / Tactical and Supr	port Vehicles		1			MODIFICAT	TION OF IN SVC EQL	JIP (DA0924)		
Program Elements for Code B Ite	ems:			Code:	Other Related Progr	ram Elements:						
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty		ļ	<u> </u>			<u> </u>	 '	<u> </u>	<u> </u>	<u> </u>	/	
Gross Cost	96.4	18.1	4.0	4.2	3.5	13.3	30.8	30.7	38.2	18.1	9.2	
Less PY Adv Proc						<u> </u>	<u> </u>					<u> </u>
Plus CY Adv Proc							<u> </u>		'			
Net Proc (P-1)	96.4	18.1	4.0	4.2	3.5	13.3	30.8	30.7	38.2	18.1	9.2	
Initial Spares												
Total Proc Cost	96.4	18.1	4.0	4.2	3.5	13.3	30.8	30.7	38.2	18.1	9.2	
Flyaway U/C		<u> </u>				<u>'</u>	<u> </u>					
Wpn Sys Proc U/C						<u> </u>	<u> </u>					
DESCRIPTION: Ft M939 Accelerator L								•	•			3ystem,
JUSTIFICATION: I vehicle readiness.	⊃rogram suppo	orts hardwar	e and applic	ation of four	safety relate	d modificatio	ns that will ir	ncrease surv	ivability of so	oldiers in the	∍ field and imp	prove

	Exhibit P	-40M Budget I	tem Justific	ation Sheet			Date		February 1998		
Appropriation / Budget Activity	y/Serial No.				P-1 Item Nomenclate	ure					
C	OTHER PROCUREMENT / 1 / Tactical and S	Support Vehicles					MODIFICAT	ION OF IN SVC EQU	JIP (DA0924)		
Program Elements for Code E	3 Items		Code	Other Related Progr	am Elements						
Description		Fiscal Years									
OSIP NO.	Classification	FY96 * Pri	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	TC	Total
HMMWV 3 PT Se	eatbelts										
1-92-06-4401	Safety	19.0	2.2	3.5	3.5	0.0	0.0	7.6	8.5	0.0	44.4
SUSV Fire Detect	tion Extinguishing System	(No P3a Set)									
1-92-06-4428	Safety	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
M939 Brake Prop	ortioning Valve										
1-95-06-4495	Reliability	2.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
M939 Accelerator	Linkage Improvement										
1-96-06-4501	Reliability	0.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
M939 Tire Improv	rement										
1-97-06-4532	Safety	0.0	0.0	0.0	0.0	11.4	11.4	8.7	0.0	9.2	40.7
M939 Anti-Lock B	rake System										
1-97-06-4533	Safety	0.0	0.0	0.0	9.8	19.4	19.3	21.9	9.6	0.0	80.0
Totals		25.9	4.2	3.5	13.3	30.8	30.7	38.2	18.1	9.2	174.0
								30.2		V. 2	

INDIVIDUAL MODIFICATION Date February 1998 HMMWV 3 PT Seatbelts 1-92-06-4401 MODIFICATION TITLE: MODELS OF SYSTEMS AFFECTED: All HMMWV Models DESCRIPTION / JUSTIFICATION: Provides three point seatbelts for the front and rear seats on all basic armor and non-armor HMMWV models. The three point seatbelt is a safer and more effective restraint system than the two point seatbelt. Total requirement is for 76,925 kits plus 771 template kits. DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Three point seatbelts were added to the HMMWV vehicles in response to increased safety regulations in 1989. The three point belt system was cut into production for all vehicle models beginning with vehicle number 100,000. Retrofit kits for pre 100,000 serial number vehicles developed and modeled after the production version. This material change will be applied using one of the three hardware kits and template kits developed to cover the different vehicle configurations. Installation Schedule: Pr Yr FY 1997 FY 1998 FY 1999 FY 2000 FY 2001 Totals 3192 3225 3700 3700 3700 3714 Inputs 38832 1075 1075 3192 3225 3700 3700 3700 3714 Outputs 38832 FY 2002 FY 2003 FY 2004 FY 2005 Totals Complete 427 1840 1840 1840 2000 2000 2000 2000 76925 1840 Inputs Outputs 427 1840 1840 1840 1840 2000 2000 2000 2000 76925

Mar 98

Sep 98

5 Months

PRODUCTION LEADTIME:

Mar 99

Jul 99

FY 1999

FY 1999

5

Months

ADMINISTRATIVE LEADTIME:

FY 1998

FY 1998

METHOD OF IMPLEMENTATION:

FY 1997

FY 1997

Mar 98

Jul 98

Contract Dates:

Delivery Date:

					INE	DIVIDUA	AL MOD	IFICATIO	N						D	ate		Febru	ary 1998	
MODIFICATION TITLE (Cont):		HN	ИMWV	' 3 PT :	Seatbe	lts 1-9	2-06-4	1401												
FINANCIAL PLAN: (\$ in Millions)																				
	FY 1		E)/	1007	EV 4	000		1000		0000		0004	EV.	0000	E)/ 0/	000	-	-0	TO:	EA1
	Qty	Prior \$	Qty	1997 \$	FY 1 Qty	998 \$	Qty	1999 \$	Qty	2000	Qty	2001	Qty	2002 \$	FY 20 Qty	\$	Qty	C \$	TO1 Qty	TAL \$
RDT&E PROCUREMENT Kit Quantity Installation Kits Installation Kits, Nonrecurring Equipment Equipment, Nonrecurring Engineering Change Orders Data Training Equipment Support Equipment Other Interim Contractor Support	42057	8.5		1.0		1.7			30	•	caty	•	7787	3.9		4.0	wiy	¥	76925	
Installation of Hardware FY 1996 & Prior Eqpt Kits FY 1997 Eqpt Kits FY 1998 Eqpt Kits FY 1999 Eqpt Kits FY 2000 Eqpt kits FY 2001 Eqpt kits FY 2002 Eqpt kits FY 2003 Eqpt kits TC Equip-Kits	38832	10.5	3225 4267	0.2 1.1	7407	1.8	7407	1.8					7787	3.7	8000	4.5			42057 4267 7407 7407 7787 8000	1.1 1.8 1.8
Total Installment	38832	10.5	7492	1.2	7407	1.8	7407						7787	3.7	8000	4.0			76925	
Total Procurement Cos		19.0		2.2		3.5		3.5	_					7.6		8.5				44.4

INDIVIDUAL MODIFICATION Date February 1998

MODIFICATION TITLE: M939 Brake Proportioning Valve 1-95-06-4495

MODELS OF SYSTEMS AFFECTED: M939 Family of Vehicles

DESCRIPTION / JUSTIFICATION:

DESCRIPTION: An empty or light loaded M939 series truck will skid when the rear brakes are locked during panic braking on wet/slippery road surfaces. Valve replacement is a simple and inexpensive procedure for increasing the brake system performance and providing greater vehicle stability under panic stop conditions. This modification will reduce rear wheel lockup and shorten stopping distance thereby reducing the number of accidents and deaths.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:

Preliminary Design Review - Jun 1993 Critical Design Review - Aug 1995 Development Test and Evaluation - Mar 1995* TDP Available - Aug 1995

*Government testing verified the brake performance improvement.

Installation Schedule:

Inputs	
Outputs	

Pr Yr		FY 1	997			FY 1	998			FY	1999			FY 2	2000			FY	2001	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
19500	2000	2000	4000	4000	500															
19500	2000	2000	4000	4000	500															

		FY 2	2002			FY 2	2003			FY 20	04			FY 2	2005		То	Totals
	1	2	3	4	. 1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		32000
Outputs																		32000

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 3 Months PRODUCTION LEADTIME: 3 Months

 Contract Dates:
 Sep 95
 FY 1997
 FY 1998
 FY 1999

 Delivery Date:
 Dec 95
 FY 1997
 FY 1998
 FY 1999

					INDI\	/IDUA	L MOD	IFICATIO	NC							Date		Febru	ary 1998	
MODIFICATION TITLE (Cont):		M	939 Br	ake Pr	oportioni	ng V	'alve '	1-95-06	6-4495	5										
FINANCIAL PLAN: (\$ in Millions)	EV	1996	1																	
		Prior	FY	1997	FY 199	18	FY	1999	FY	2000	FY	2001	FY	2002	FY 2	2003	Г 1	C	TO	ΓΔΙ
	Qty	\$	Qty	\$		\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E	,		,		7	,	,	T	,	T	,	7	,	· ·			,	7	,	+
PROCUREMENT																				
Kit Quantity	32000	1.9																	32000	1.9
Installation Kits	32000	1.5																	32000	1.5
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
menin Contractor Capport																				
Installation of Hardware																				
FY 1996 & Prior Eqpt Kits	20000	1.0	12000	0.6															32000	1.6
FY 1997 Eqpt Kits	20000	0	12000	0.0															32330	1.0
FY 1998 Eqpt Kits																				
FY 1999 Eqpt Kits																				
FY 2000 Eqpt kits																				
FY 2001 Eqpt kits																				
FY 2002 Eqpt kits																				
FY 2003 Eqpt kits																				
TC Equip-Kits																				
Total Installment	20000	1.0	12000	0.6															32000	1.6
Total Procurement Cos	20000	2.9		0.6															32300	3.5

INDIVIDUAL MODIFICATION Date February 1998

MODIFICATION TITLE: M939 Accelerator Linkage Improvement 1-96-06-4501

MODELS OF SYSTEMS AFFECTED: M939 Family of Vehicles

DESCRIPTION / JUSTIFICATION:

Human Factors personnel have specified that a lower percentile male can produce about 37 pounds, with 2 1/2 inches of toe travel, while a female can produce about 24 pounds. The M939A2 requires 69 pounds. When forces higher than the recommended values are used, fall can result. Under these conditions, operators have resorted to alternate means of maintaining the accelerator position when driving for long periods of time to include misuse of the hand throttle. When unauthorized methods of maintaining the amount of engine throttle are used, and the truck encounters a situation that requires immediate braking, the operator may not be able to disengage the throttle and safety of to stop the vehicle.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:

Preliminary Design Review - Dec 95 Critical Design Review - Jan 96 IPR Production Decision - Feb 96 TDP Available - Aug 94

Installation Schedule:

Inputs	
Outputs	

Pr Yr		FY 1	997			FY ′	1998			FY ′	1999			FY 2	2000			FY	2001	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
4000	2000	2000	4000	4000	500															
4000	2000	2000	4000	4000	500															

		FY	2002				FY 2	003			FY 2	004			FY 2	2005		То	Totals
	1	2		3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																			16500
Outputs																			16500

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 2 Months PRODUCTION LEADTIME: 3 Months

 Contract Dates: FY 1996: May 96
 FY 1997
 FY 1998
 FY 1999

 Delivery Date: FY 1996: Jul 96
 FY 1997
 FY 1998
 FY 1999

					IN	IDIVIDU	AL MOD	IFICATIO	ON							Date		Febru	ary 1998	
MODIFICATION TITLE (Cont):		MS	939 Ac	celerat	or Lin	kage Ir	mprov	ement	1-96-06-	4501										
FINANCIAL PLAN: (\$ in Millions)		1000	Ī																	
		1996 d Prior	EV /	1997	I EV	1998	l ev	1999	FY 20	00	EV	2001	I EV	2002	EV	2003	1 -	C	TO	TAI
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	2 003	Qty	\$	Qty	\$
RDT&E PROCUREMENT Kit Quantity Installation Kits Installation Kits, Nonrecurring Equipment Equipment, Nonrecurring Engineering Change Orders Data Training Equipment Support Equipment Other	16500		-	•		•						•				•			16500	
Installation of Hardware FY 1996 & Prior Eqpt Kits FY 1997 Eqpt Kits FY 1998 Eqpt Kits FY 1999 Eqpt Kits FY 2000 Eqpt kits FY 2001 Eqpt kits FY 2002 Eqpt kits FY 2003 Eqpt kits TC Equip-Kits	4000	0.4																	16500	
Total Installment	4000		12500																16500	
Total Procurement Cos		0.7		1.4																2.1

INDIVIDUAL MODIFICATION

Date

February 1998

MODIFICATION TITLE: M939 Tire Improvement 1-97-06-4532

MODELS OF SYSTEMS AFFECTED: M939 Family of Vehicles

DESCRIPTION / JUSTIFICATION:

Approximately 50% of the M939 Basic accidents are related to the operation of Non-Directional Cross Country (NDCC) tires on wet roads. This design was engineered for cross country applications prior to WWII. Changes in vehicle speeds, road construction, mission requirements, as well as advances in tire technology have made this tire obsolete. This modification will change the tires from the current bias ply NDCC to a radial tire designed for on/off highway usage. Recent improvements in design will provide better traction and mobility which will enhance system safety. Operating and support costs will also be significantly reduc-

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:

Hardware Procurement - Dec 99 Hardware Application - Mar 00 - Mar 03

Installation Schedule:

Inputs Outputs

Pr Yr		FY	1997			FY	1998			FY [']	1999			FY 2	2000			FY	2001	
Totals	1	2	3	4	. 1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
														750	750	750	750	750	750	750
														750	750	750	750	750	750	750

		FY 2	2002			FY 2	003			FY 20	004			FY	2005	5		Te)	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	1	2	3	4	Complet	е	
Inputs	750	750	750	750	750	63												263	7	11700
Outputs	750	750	750	750	750	63												263	7	11700
METHOD OF IMPLEM	ENTATIO	ON:				ADMINI	STRATIV	/E LE	ADTIME	:	2 N	1onths		PROD	DUCT	ION LE	EADT	IME: 1	Months	

Contract Dates: Delivery Date:

FY 1997 FY 1997 FY 1998 FY 1998 FY 1999 FY 1999 Jan 00 Feb 00

					IN	DIVIDU	AL MOD	IFICATIO	NC							Date		Febru	ary 1998	
MODIFICATION TITLE (Cont):		M	939 Ti	re Impr	ovem	ent 1-	97-06-	4532												
FINANCIAL PLAN: (\$ in Millions)	FY	1996	1																	
		Prior		1997		1998		1999		2000		2001		2002		2003		C	TO	
55705	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E PROCUREMENT Kit Quantity Installation Kits Installation Kits, Nonrecurring Equipment Equipment, Nonrecurring Engineering Change Orders Data Training Equipment Support Equipment Other Interim Contractor Support									3280	10.0	3280	10.0	2503	7.5			2637	7.9	11700	35.4
Installation of Hardware FY 1996 & Prior Eqpt Kits FY 1997 Eqpt Kits FY 1998 Eqpt Kits FY 1999 Eqpt Kits FY 2000 Eqpt kits FY 2001 Eqpt kits FY 2002 Eqpt kits FY 2003 Eqpt kits TC Equip-Kits									3280	1.4	3280	1.4	2503	1.2			2637	1.3	3280 3280 2503 2637	1.4 1.2 1.3
Total Installment									3280	1.4	3280	1.4	2503	1.2			2637	1.3	11700	
Total Procurement Cos										11.4		11.4		8.7				9.2		40.7

INDIVIDUAL MODIFICATION Date February 1998

MODIFICATION TITLE: M939 Anti-Lock Brake System 1-97-06-4533

MODELS OF SYSTEMS AFFECTED: M939 Family of Vehicles

DESCRIPTION / JUSTIFICATION:

The current design brake system is of commercial design with the capacity to stop heavy loads under adverse conditions. This design has proven too aggressive for operating trucks with little or no load. For the past two years, the M939 Series Trucks have been operating under a Safety Of Use Message (SOUM) limiting the highway speed to 40 MPH in an attempt to limit accidents, injuries and fatalities occurring under this highway operational scenario. In FY95 this truck was responsible for 26% of the total Army Military Vehicle (AMV) accidents and 53% of the total AMV fatalities. In the FY90-95 timeframe there were 194 serious accidents resulting in injury costs of \$8.1 million, property damage of \$2.9 million, 163 serious injuries and 46 fatalities. Extensive testing of ABS systems for this truck has shown that ABS will eliminate 100% of the engine stalls caused by panic stops, out-of-line skidding and roll-overs resulting from out-of-lane skids. ABS will significantly reduce accidents and injuries regardless of the skill level of the drivers. This will allow the lifting of the 40 MPH speed limit allowing the vehicles to once more be fully capable of being safely operated up to their Required Operational Capability stands

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:

Developmental Test & Evaluation - 1 Oct 96 - 30 Sep 97 Product Qualification Test - Sep 99

IPR Production Decision - Nov 99

Products Sepcification Available - Oct 98

Installation Schedule:

Inputs
Outputs

Pr Yr		FY ′	1997			FY	1998			FY 1	1999			FY 2	2000			FY	2001	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
													900	2080	2080	2300	1860	1860	1860	1860
													600	2000	2000	2000	1860	1860	1860	1860

	_																		
			FY 2	2002			FY 2	2003			FY 2	2004			FY 2	2005		То	Totals
ı		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
	Inputs	2380	2380	2380	2380	2600	2600	2480											32000
	Outputs	2380	2380	2380	2380	2600	2600	2400	840										32000

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 3 Months PRODUCTION LEADTIME: 9 Months

 Contract Dates:
 FY 1997
 FY 1998
 FY 1999
 Jan 99

 Delivery Date:
 FY 1997
 FY 1998
 FY 1999
 Oct 99

					IN	DIVIDUA	AL MODI	FICATIO	N						D	ate		Febru	ary 1998	
MODIFICATION TITLE (Cont):		M	939 Ar	nti-Lock	Brake	e Syste	em 1-9	7-06-4	533											
FINANCIAL PLAN: (\$ in Millions)	FY	1996																		
		Prior		1997		1998		1999		2000		2001		2002	FY 2			ГС	TO	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E PROCUREMENT Kit Quantity Installation Kits Installation Kits, Nonrecurring Equipment Equipment, Nonrecurring Engineering Change Orders Data Training Equipment Support Equipment Other Interim Contractor Support							7840	9.8	8160	10.2	8000	10.0	8000	10.0					32000	40.0
Installation of Hardware FY 1996 & Prior Eqpt Kits FY 1997 Eqpt Kits FY 1998 Eqpt Kits FY 1999 Eqpt Kits FY 2000 Eqpt kits FY 2001 Eqpt kits FY 2002 Eqpt kits FY 2003 Eqpt kits TC Equip-Kits									7360	9.2	7440	9.3	9520	11.9	7680	9.6			7360 7440 9520 7680	9.3 11.9
Total Installment									7360	9.2	7440	9.3	9520	11.9	7680	9.6			32000	40.0
Total Procurement Cos								9.8		19.4		19.3		21.9		9.6				80.0

								Date:				
		Exhibit P-4	10, Budget	Item Justifi	cation Sheet					February 1998		
Appropriation / Budget Activity/	Serial No:					P-1 Item Nomencla	ture:	•				
ТО	THER PROCUREMENT /	1 / Tactical and Sup	port Vehicles					ITEMS LESS	THAN \$2.0M (TAC	/EH) (DL5110)		
Program Elements for Code B	Items:			Code:	Other Related Prog	ram Elements:						
	1		,				T	T		,		
	Prior Years	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	53.6	3.2	2.7	0.2	0.2	0.2	1.6	0.9	1.0	1.0	0.0	
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	53.6	3.2	2.7	0.2	0.2	0.2	1.6	0.9	1.0	1.0	0.0	
Initial Spares												
Total Proc Cost	53.6	3.2	2.7	0.2	0.2	0.2	1.6	0.9	1.0	1.0	0.0	
Flyaway U/C												
Wpn Sys Proc U/C												

DESCRIPTION: This equipment consists of various tool and shop sets essential to the maintenance of the Army's Worldwide Tactical Wheeled Vehicle Fleet. These sets include components as small as a screw driver to as large as an International Standard Organizational (ISO) Shelter. The maintenance equipment and tools have multi-application to the maintenance organization tasked with maintaining tactical and support vehicles.

JUSTIFICATION: FY99 requirements include fleet initial fieldings, Equipment Readiness Code (ERC) A shortages, interchange requirements, and a modernized 40 ton semitrailer lowbed.

- a. Shop Equipment, Automotive Maintenance and Repair, Field Maintenance Supplemental Number 1, provides the necessary components required for field maintenance on general automotive vehicles and equipment. Set is intended for use by field maintenance personnel. There are 24 valid Army requirements: 6 Readiness Fixing shortages; 16 ERC A shortages; and, 2 ERC B shortages.
- b. Shop Equipment, Fuel and Electric Systems, Field Maintenance, Less Power, is used in general/direct support maintenance for all fuel and electrical systems. There are 13 Readiness Fixing shortages and 76 ERC A shortages.
- c. Shop Equipment, Automotive Maintenance and Repair, provides the necessary components to provide supplemental equipment for an automotive maintenance and repair shop. There are readiness fixing units that are critically short.

Exhibit P-5, Weapo OPA Cost Analys			Appropriation/ Bu OTHER PROCU Su	-	1 / Tactical and			m Nomenclature: LESS THAN \$2.0 (DL5110)	M (TAC VEH)		Weapon System	Туре:	Date: Febi	uary 1998
OPA		ID		FY 96			FY 97	(220110)		FY 98	_		FY 99	
Cost Elements		CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Shop Equip, Battery Servicing, Shelter Mtd	G310	Α	154	6	26									
2. Shop Equip, Auto Maint Supplement #1	G350	Α	81			40	1	40	37	1	37	37	1	37
3. Shop Equip, Fuel & Elec Sys Eng, FM	G648	Α	54	2	27	41	3	14	39	3	13	39	3	13
4. Tool Set, Paint, Field Maint, PCS Set 3	G656	Α	9	1	9	9	1	9						
5. Mine Resistant Vehicle (OJE)		Α	971	3	324									
6. M832 Dolly Set		Α	700	14	50									
7. XM1112 Water Trailer		Α	600											
8. Shop Equip Auto Repair FM Basic		Α	90											
9. Shop Equip Auto Maint & Repair	G351	Α				103	1	103	109	1	109	110	1	110
11. Shop Equip Mechanical Maint & Repair Shelter	G328		8	1	8									
12. Engineering Effort in support of Equip Mechanical Maint, Shelter Lo	of Shop oaded		24											
TOTAL												-		
TOTAL			2691			193			185			186		